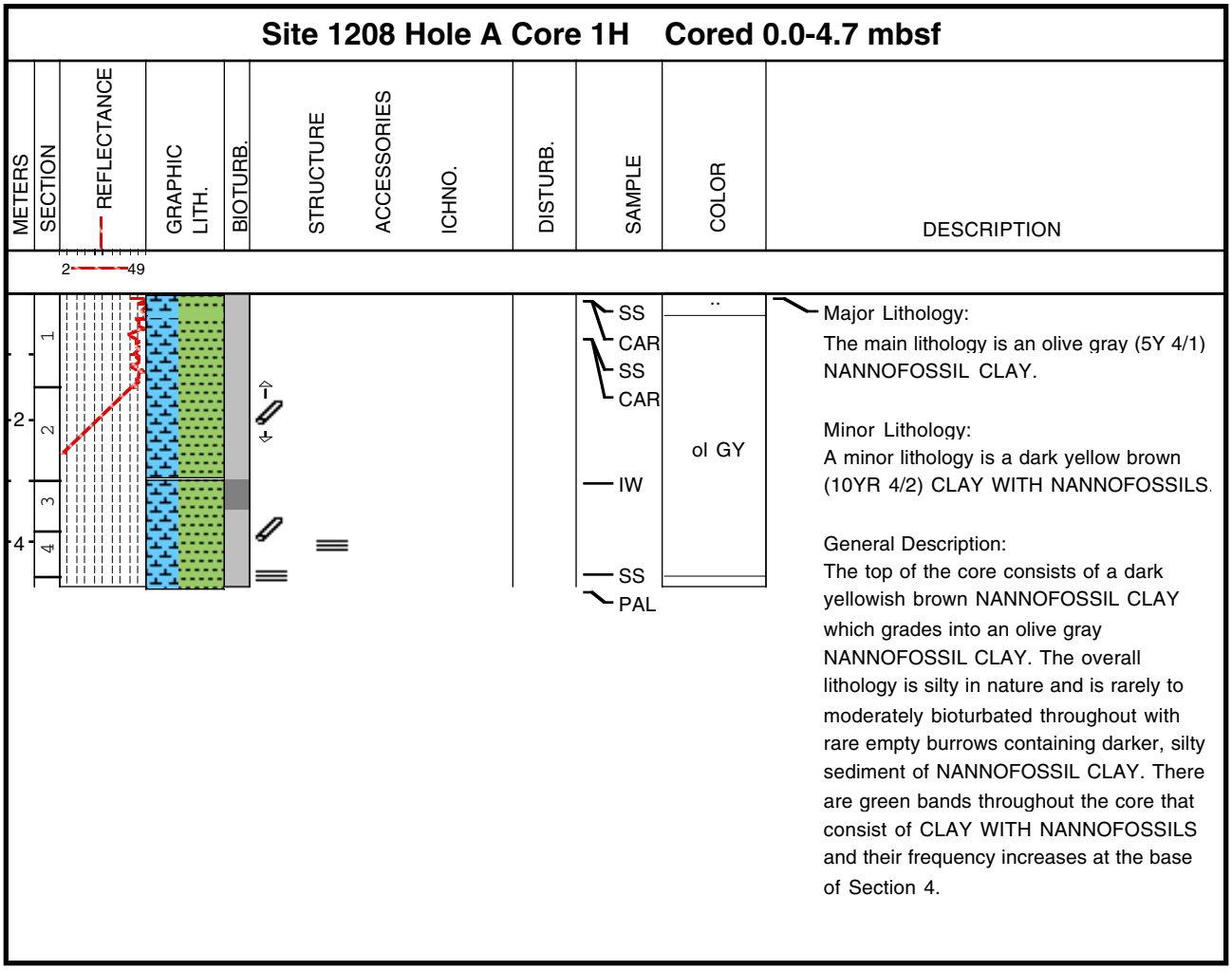
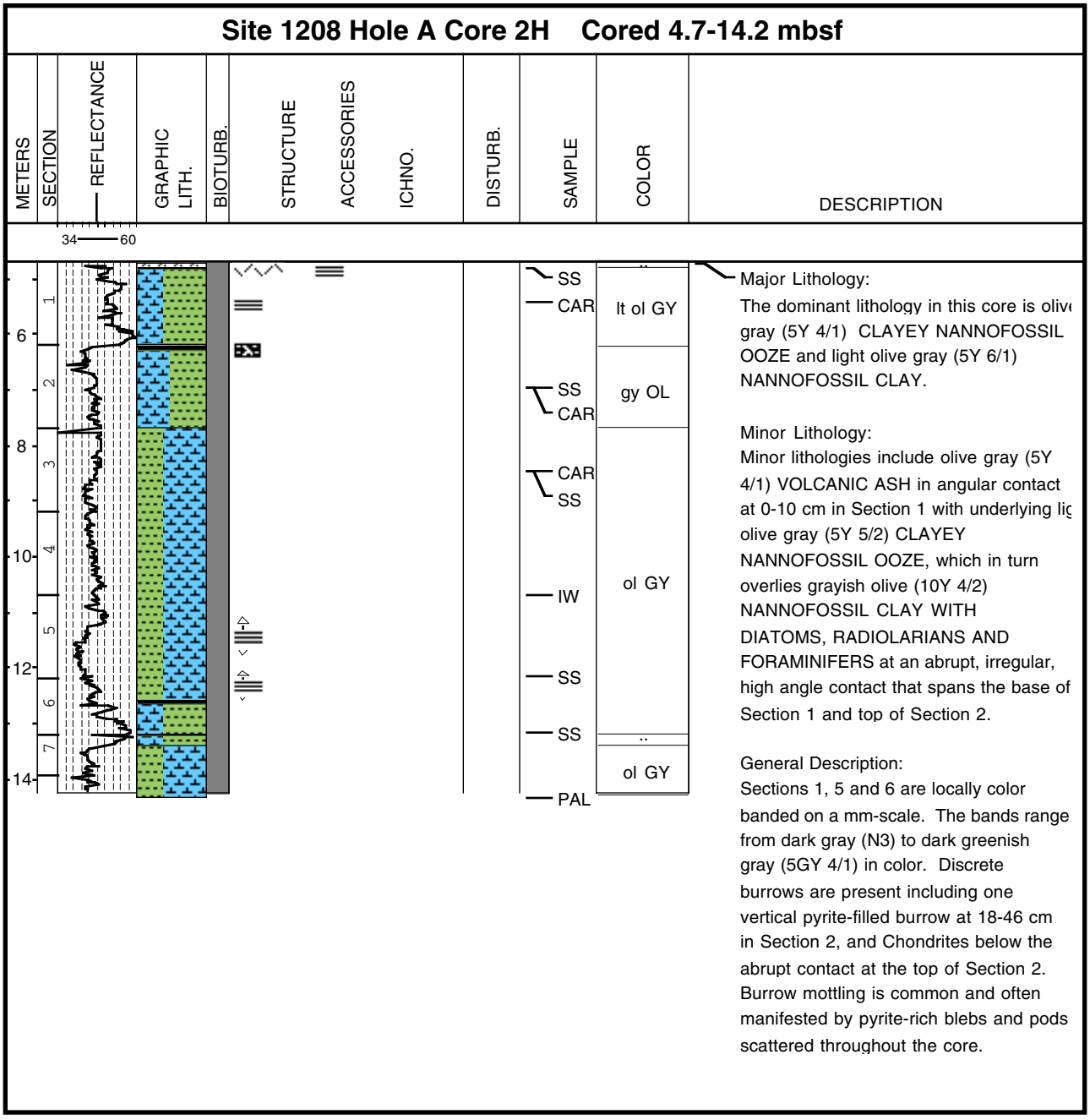
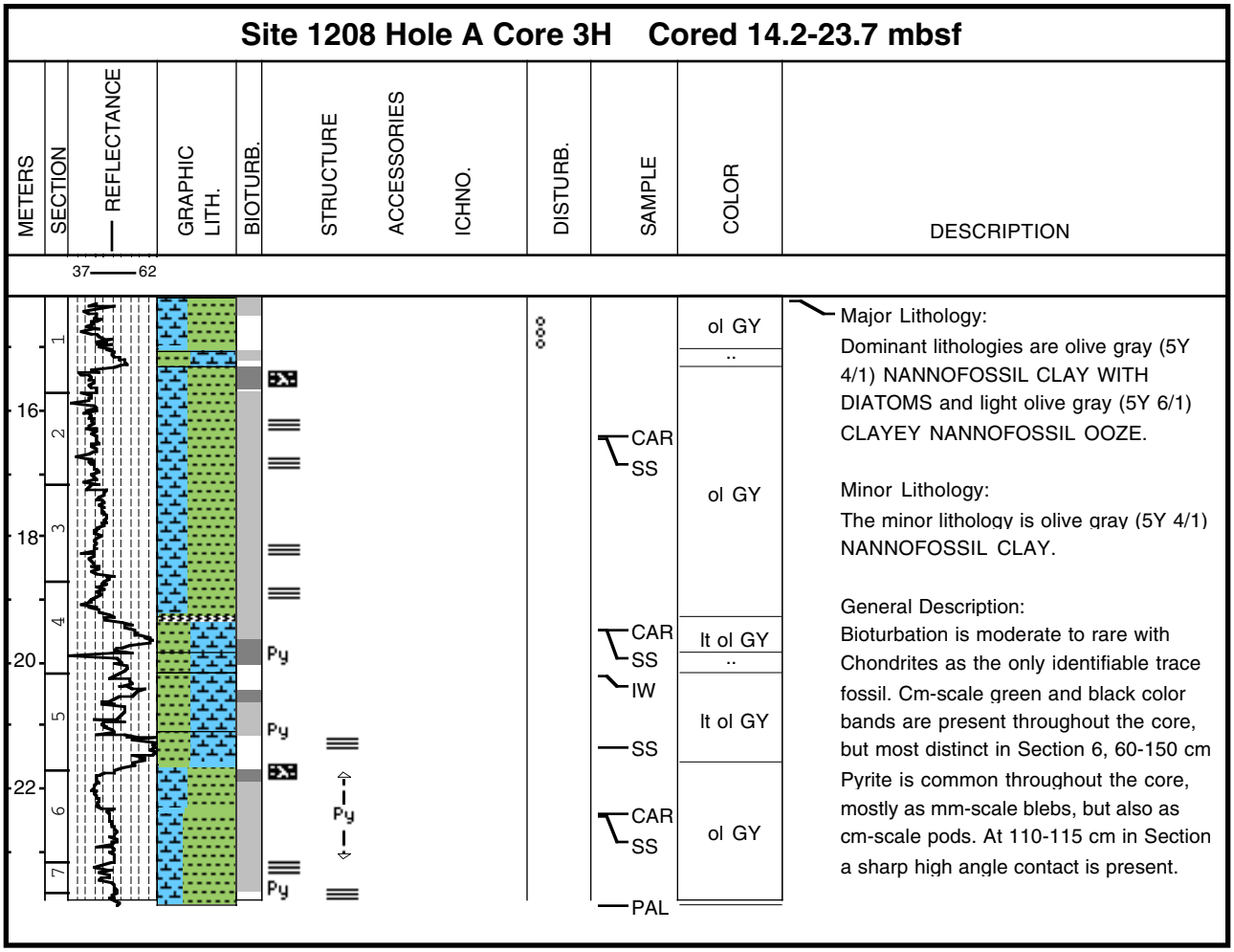
Core Photo


Site 1208 Hole A Core 1H Cored 0.0-4.7 mbsf
METERS
SECTION
REFLECTANCE
2
49
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
SS
CAR
SS
CAR
IW
SS
PAL
ol GY
Major Lithology:
The main lithology is an olive gray (5Y 4/1) NANNOFOSSIL CLAY.
Minor Lithology:
A minor lithology is a dark yellow brown (10YR 4/2) CLAY WITH NANNOFOSSILS.
General Description:
The top of the core consists of a dark yellowish brown NANNOFOSSIL CLAY which grades into an olive gray NANNOFOSSIL CLAY. The overall lithology is silty in nature and is rarely to moderately bioturbated throughout with rare empty burrows containing darker, silty sediment of NANNOFOSSIL CLAY. There are green bands throughout the core that consist of CLAY WITH NANNOFOSSILS and their frequency increases at the base of Section 4.

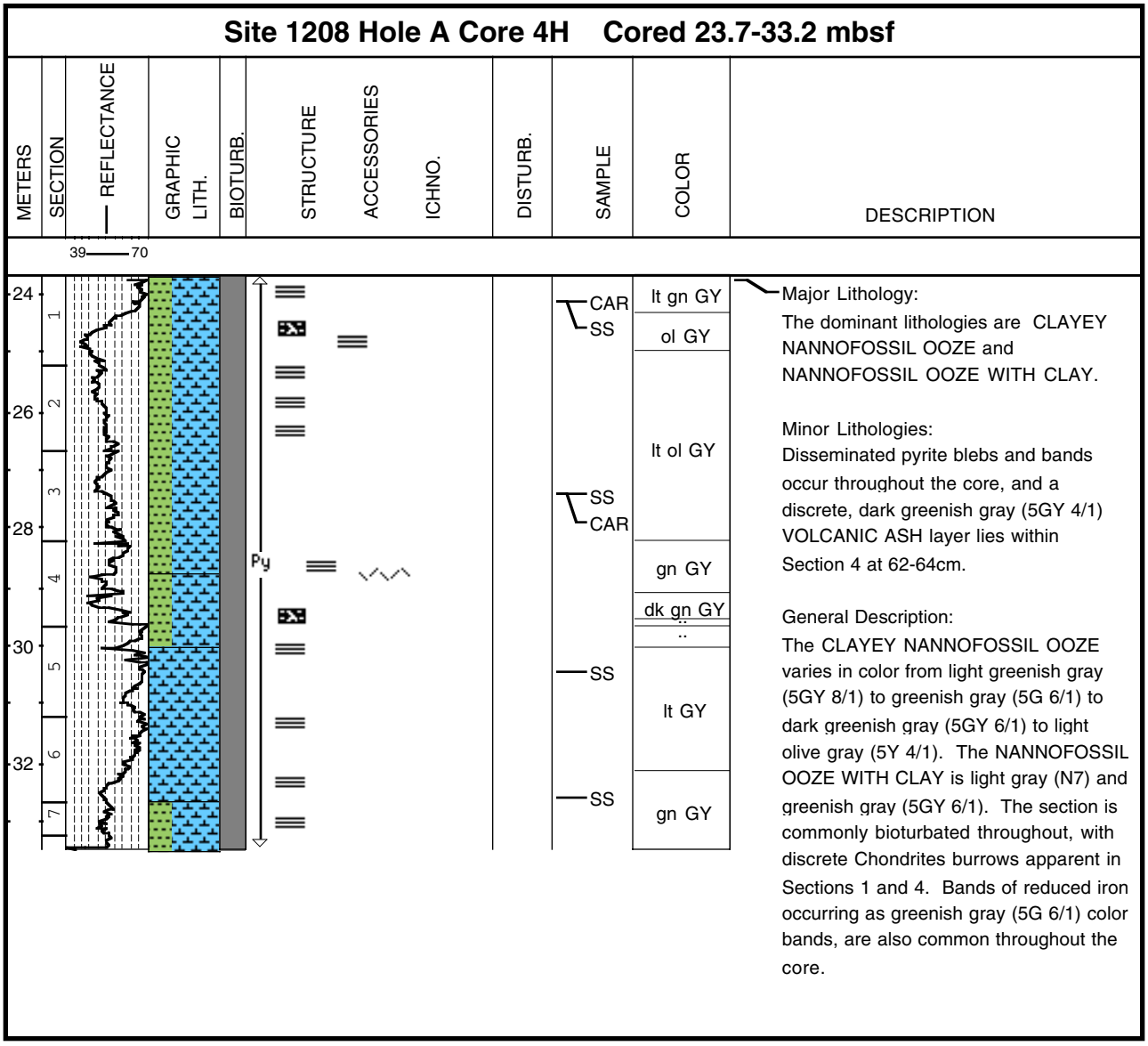
Core Photo


Site 1208 Hole A Core 2H Cored 4.7-14.2 mbsf
METERS
SECTION
REFLECTANCE
34
60
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
6
8
10
12
14
1
2
3
4
5
6
7
SS
CAR
SS
CAR
CAR
SS
IW
SS
SS
PAL
lt ol GY
gy OL
ol GY
ol GY
Major Lithology:
The dominant lithology in this core is olive gray (5Y 4/1) CLAYEY NANNOFOSSIL OOZE and light olive gray (5Y 6/1) NANNOFOSSIL CLAY.
Minor Lithology:
Minor lithologies include olive gray (5Y 4/1) VOLCANIC ASH in angular contact at 0-10 cm in Section 1 with underlying lig olive gray (5Y 5/2) CLAYEY NANNOFOSSIL OOZE, which in turn overlies grayish olive (10Y 4/2) NANNOFOSSIL CLAY WITH DIATOMS, RADIOLARIANS AND FORAMINIFERS at an abrupt, irregular, high angle contact that spans the base of Section 1 and top of Section 2.
General Description:
Sections 1, 5 and 6 are locally color banded on a mm-scale. The bands range from dark gray (N3) to dark greenish gray (5GY 4/1) in color. Discrete burrows are present including one vertical pyrite-filled burrow at 18-46 cm in Section 2, and Chondrites below the abrupt contact at the top of Section 2. Burrow mottling is common and often manifested by pyrite-rich blebs and pods scattered throughout the core.

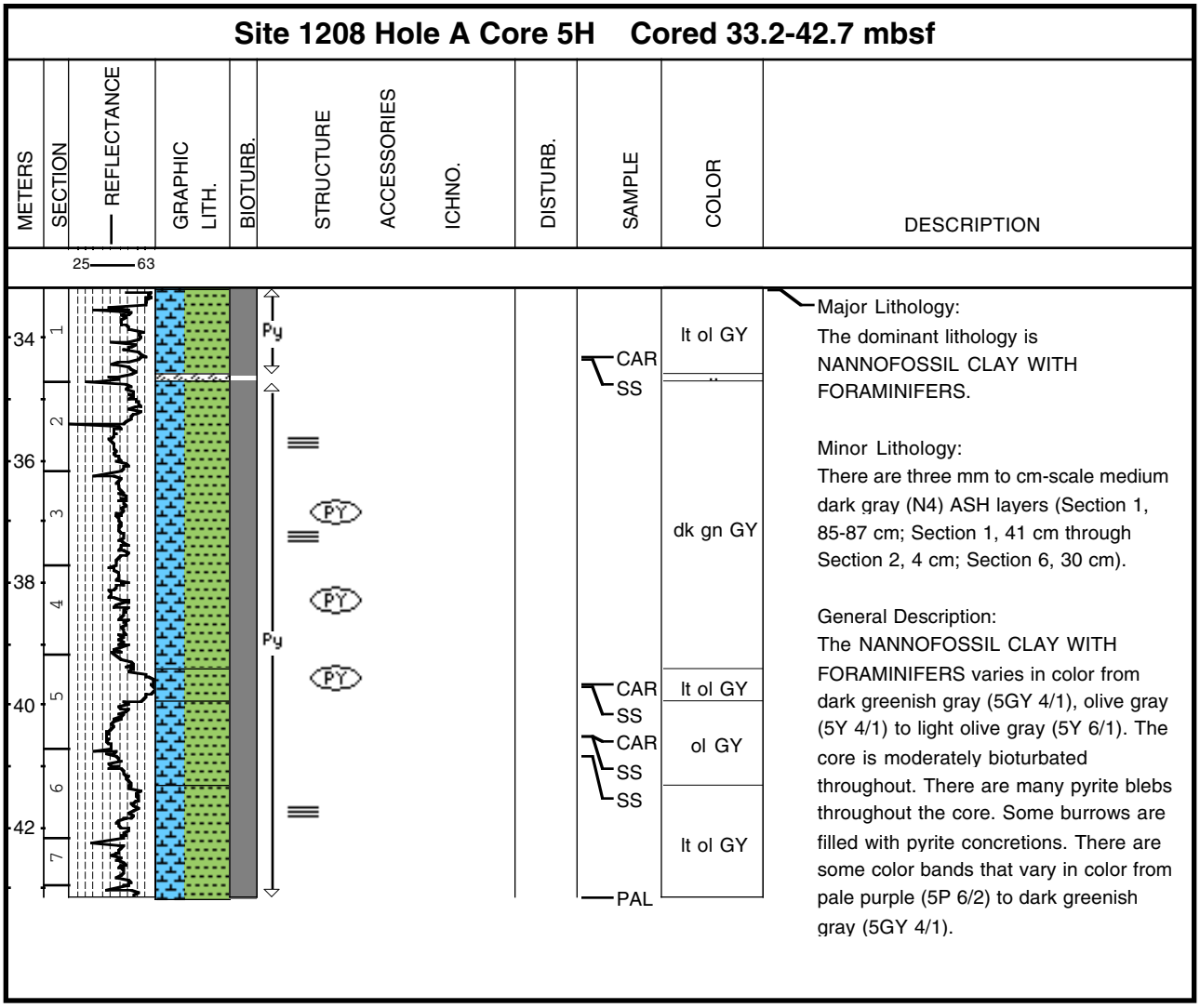
Core Photo


Site 1208 Hole A Core 3H Cored 14.2-23.7 mbsf
METERS
SECTION
REFLECTANCE
37
62
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
16
18
20
22
1
2
3
4
5
6
7
Py
Py
Py
Py
CAR
SS
CAR
SS
IW
SS
CAR
SS
PAL
ol GY
ol GY
lt ol GY
lt ol GY
ol GY
Major Lithology:
Dominant lithologies are olive gray (5Y 4/1) NANNOFOSSIL CLAY WITH DIATOMS and light olive gray (5Y 6/1) CLAYEY NANNOFOSSIL OOZE.
Minor Lithology:
The minor lithology is olive gray (5Y 4/1) NANNOFOSSIL CLAY.
General Description:
Bioturbation is moderate to rare with Chondrites as the only identifiable trace fossil. Cm-scale green and black color bands are present throughout the core, but most distinct in Section 6, 60-150 cm Pyrite is common throughout the core, mostly as mm-scale blebs, but also as cm-scale pods. At 110-115 cm in Section a sharp high angle contact is present.

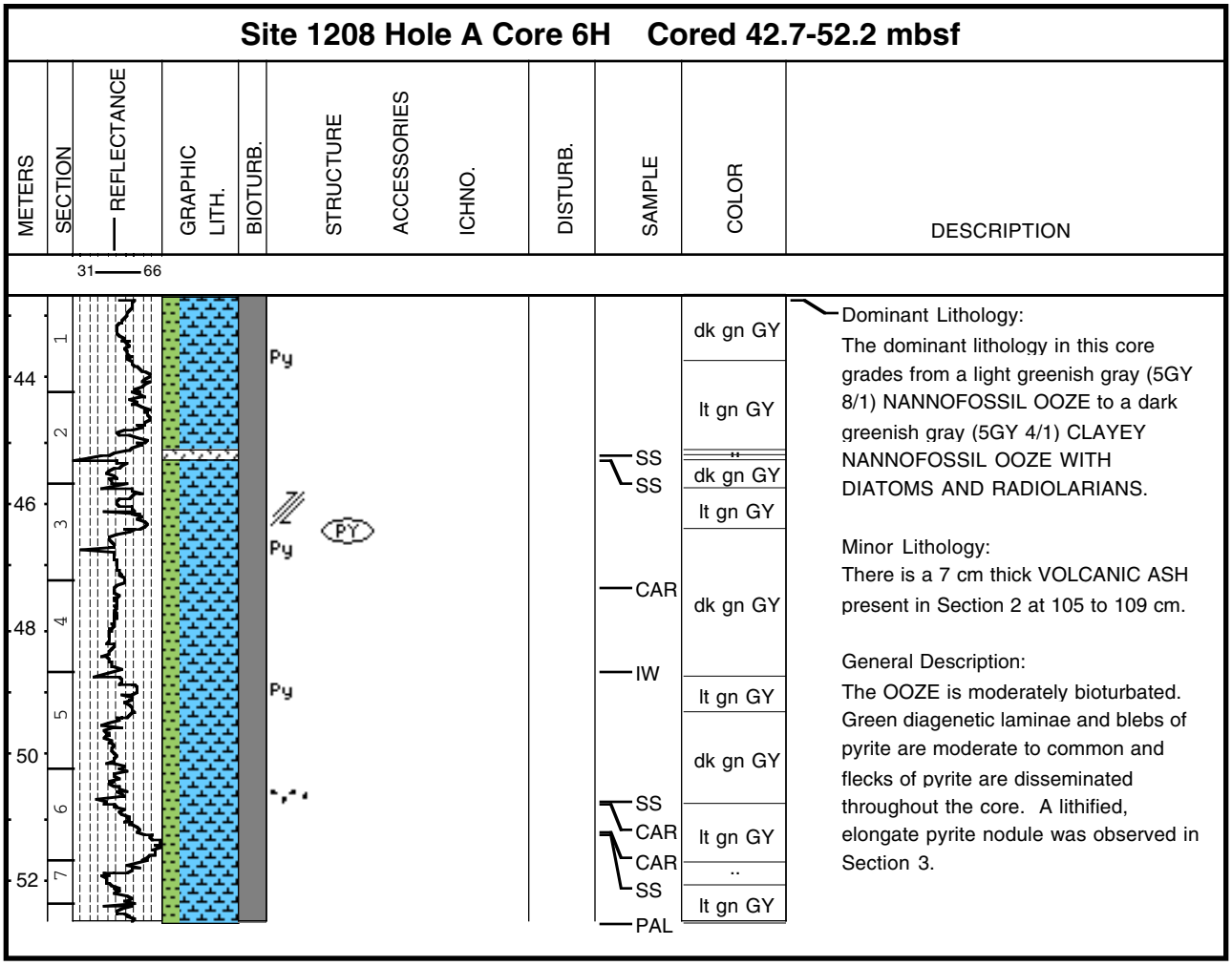
Core Photo


Site 1208 Hole A Core 4H Cored 23.7-33.2 mbsf
METERS
SECTION
REFLECTANCE
39
70
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
24
26
28
30
32
1
2
3
4
5
6
7
Py
CAR
SS
SS
CAR
SS
SS
lt gn GY
ol GY
lt ol GY
gn GY
dk gn GY
lt GY
gn GY
Major Lithology:
The dominant lithologies are CLAYEY NANNOFOSSIL OOZE and NANNOFOSSIL OOZE WITH CLAY.
Minor Lithologies:
Disseminated pyrite blebs and bands occur throughout the core, and a discrete, dark greenish gray (5GY 4/1) VOLCANIC ASH layer lies within Section 4 at 62-64cm.
General Description:
The CLAYEY NANNOFOSSIL OOZE varies in color from light greenish gray (5GY 8/1) to greenish gray (5G 6/1) to dark greenish gray (5GY 6/1) to light olive gray (5Y 4/1). The NANNOFOSSIL OOZE WITH CLAY is light gray (N7) and greenish gray (5GY 6/1). The section is commonly bioturbated throughout, with discrete Chondrites burrows apparent in Sections 1 and 4. Bands of reduced iron occurring as greenish gray (5G 6/1) color bands, are also common throughout the core.

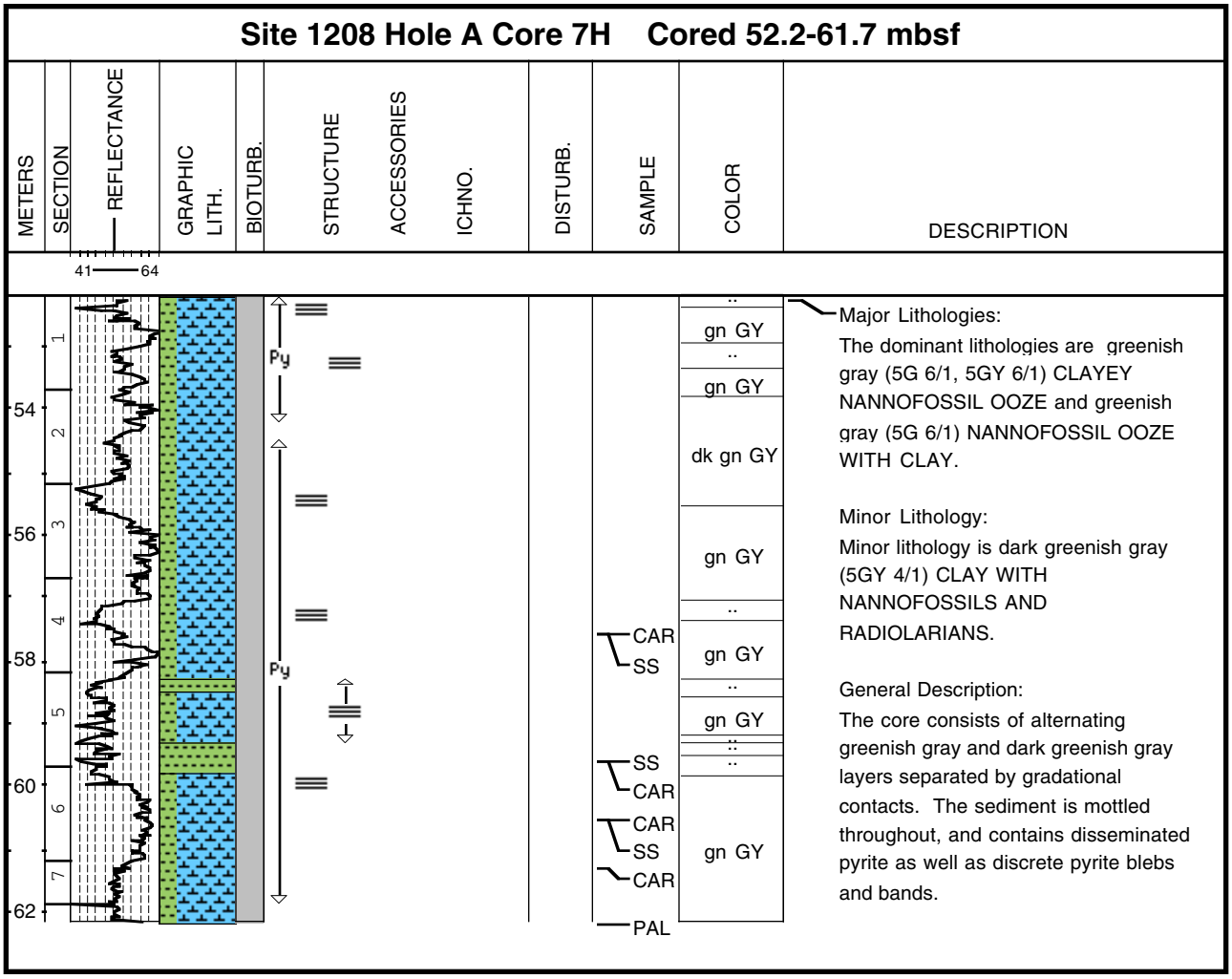
Core Photo


Site 1208 Hole A Core 5H Cored 33.2-42.7 mbsf
METERS
SECTION
REFLECTANCE
25
63
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
34
36
38
40
42
1
2
3
4
5
6
7
Py
Py
PY
PY
PY
CAR
SS
CAR
SS
CAR
SS
SS
PAL
lt ol GY
dk gn GY
lt ol GY
ol GY
lt ol GY
Major Lithology:
The dominant lithology is NANNOFOSSIL CLAY WITH FORAMINIFERS.
Minor Lithology:
There are three mm to cm-scale medium dark gray (N4) ASH layers (Section 1, 85-87 cm; Section 1, 41 cm through Section 2, 4 cm; Section 6, 30 cm).
General Description:
The NANNOFOSSIL CLAY WITH FORAMINIFERS varies in color from dark greenish gray (5GY 4/1), olive gray (5Y 4/1) to light olive gray (5Y 6/1). The core is moderately bioturbated throughout. There are many pyrite blebs throughout the core. Some burrows are filled with pyrite concretions. There are some color bands that vary in color from pale purple (5P 6/2) to dark greenish gray (5GY 4/1).

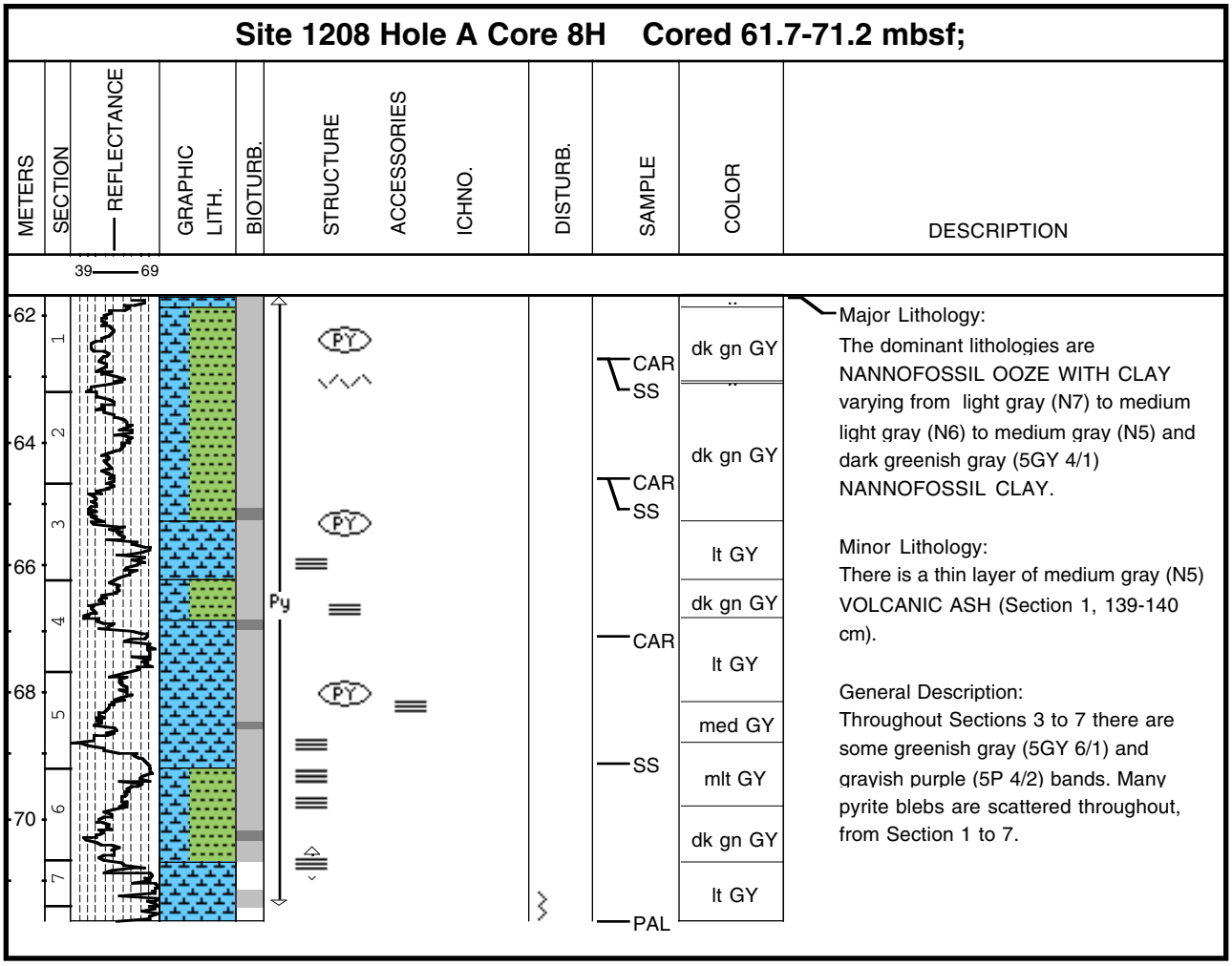
Core Photo


Site 1208 Hole A Core 6H Cored 42.7-52.2 mbsf
METERS
SECTION
REFLECTANCE
31
66
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
44
46
48
50
52
1
2
3
4
5
6
7
Py
Py
PY
Py
SS
SS
CAR
IW
SS
CAR
CAR
SS
PAL
dk gn GY
lt gn GY
dk gn GY
lt gn GY
dk gn GY
lt gn GY
dk gn GY
lt gn GY
Dominant Lithology:
The dominant lithology in this core grades from a light greenish gray (5GY 8/1) NANNOFOSSIL OOZE to a dark greenish gray (5GY 4/1) CLAYEY NANNOFOSSIL OOZE WITH DIATOMS AND RADIOLARIANS.
Minor Lithology:
There is a 7 cm thick VOLCANIC ASH present in Section 2 at 105 to 109 cm.
General Description:
The OOZE is moderately bioturbated. Green diagenetic laminae and blebs of pyrite are moderate to common and flecks of pyrite are disseminated throughout the core. A lithified, elongate pyrite nodule was observed in Section 3.

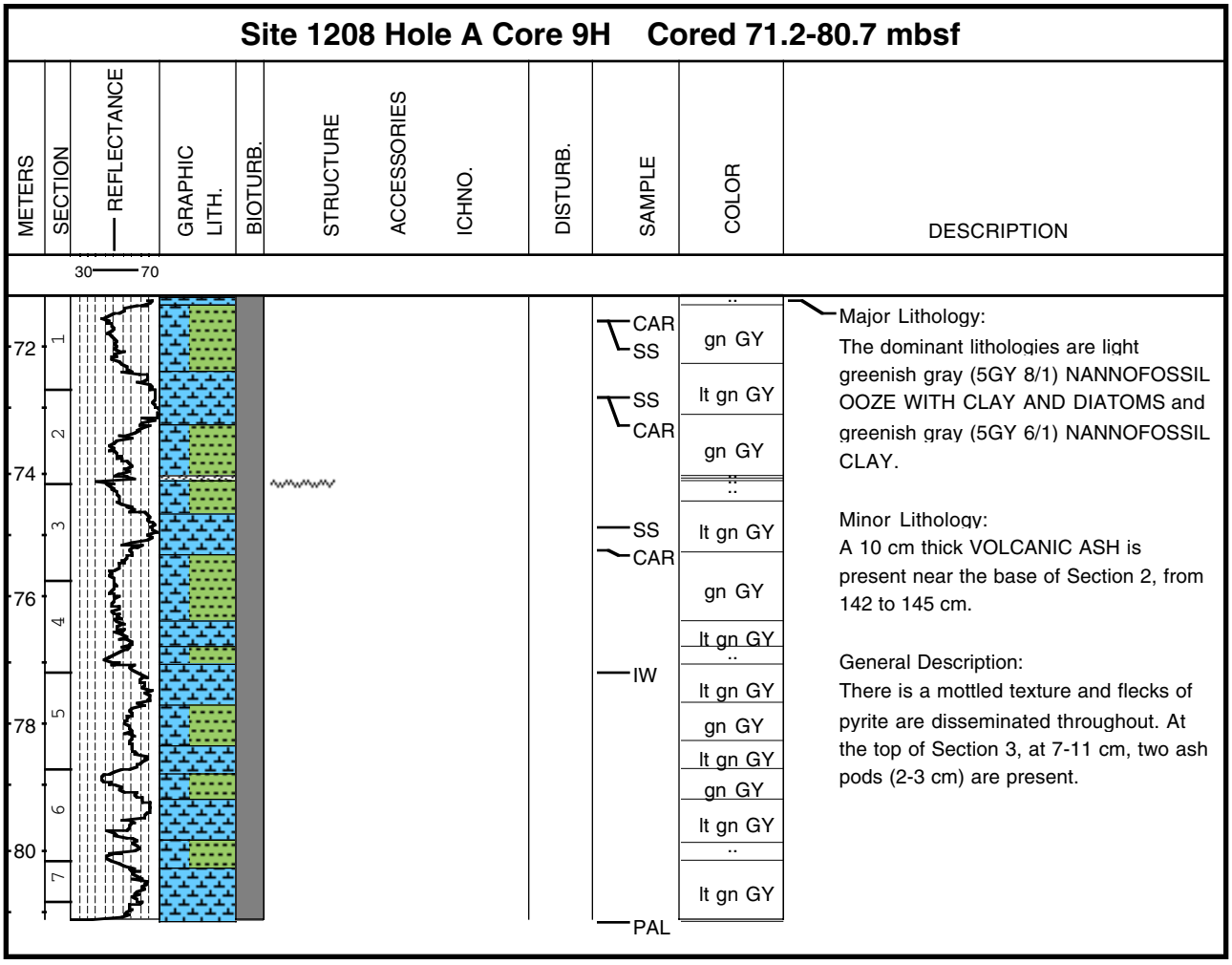
Core Photo


Site 1208 Hole A Core 7H Cored 52.2-61.7 mbsf
METERS
SECTION
REFLECTANCE
41
64
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
54
56
58
60
62
1
2
3
4
5
6
7
Py
Py
CAR
SS
SS
CAR
CAR
SS
CAR
PAL
gn GY
gn GY
dk gn GY
gn GY
gn GY
gn GY
gn GY
Major Lithologies:
The dominant lithologies are greenish gray (5G 6/1, 5GY 6/1) CLAYEY NANNOFOSSIL OOZE and greenish gray (5G 6/1) NANNOFOSSIL OOZE WITH CLAY.
Minor Lithology:
Minor lithology is dark greenish gray (5GY 4/1) CLAY WITH NANNOFOSSILS AND RADIOLARIANS.
General Description:
The core consists of alternating greenish gray and dark greenish gray layers separated by gradational contacts. The sediment is mottled throughout, and contains disseminated pyrite as well as discrete pyrite blebs and bands.

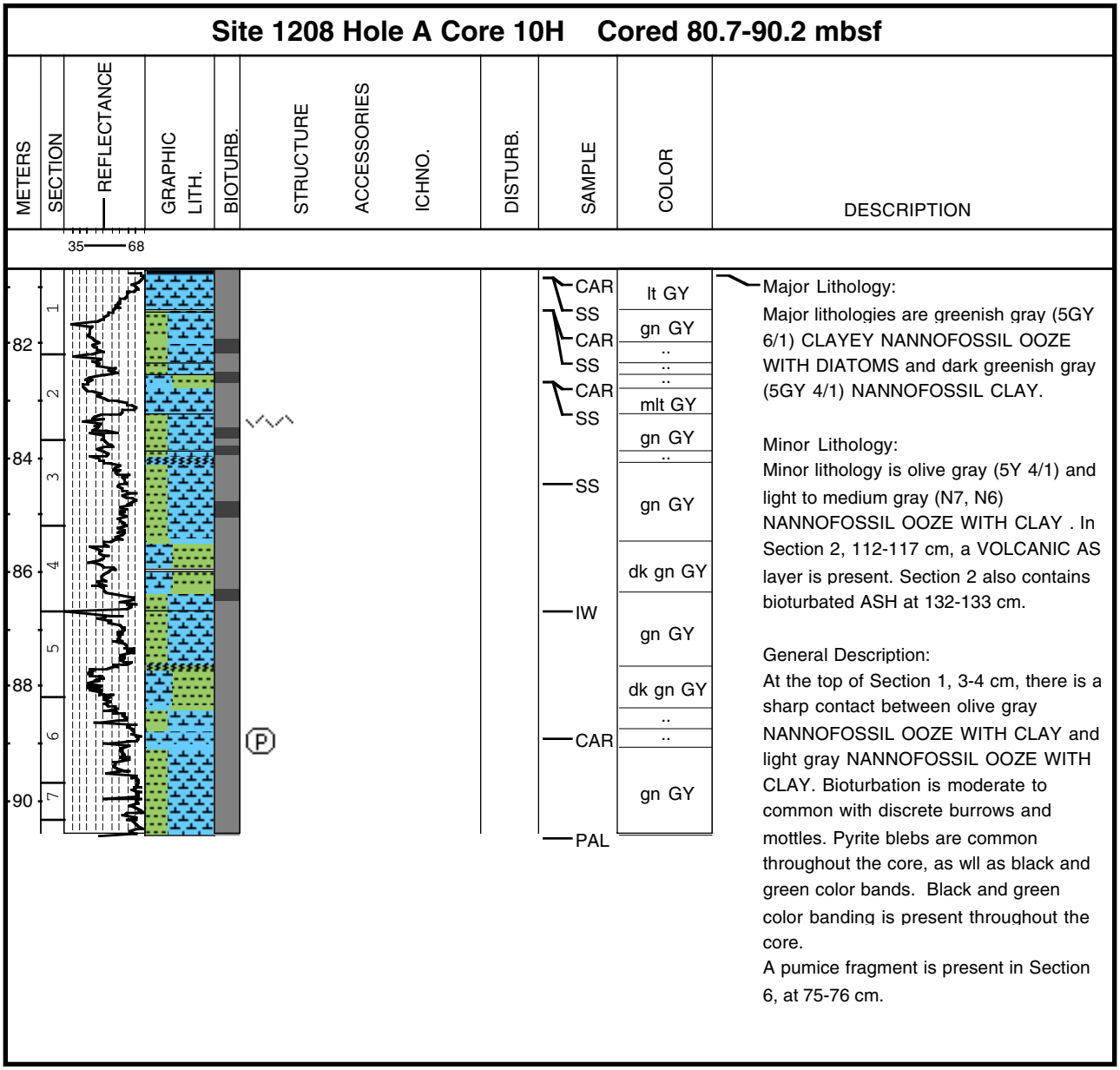
Core Photo


Site 1208 Hole A Core 8H Cored 61.7-71.2 mbsf;
METERS
SECTION
REFLECTANCE
39
69
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
62
64
66
68
70
1
2
3
4
5
6
7
PY
Py
CAR
SS
CAR
SS
CAR
SS
PAL
dk gn GY
dk gn GY
lt GY
dk gn GY
lt GY
med GY
mlt GY
dk gn GY
lt GY
Major Lithology:
The dominant lithologies are NANNOFOSSIL OOZE WITH CLAY varying from light gray (N7) to medium light gray (N6) to medium gray (N5) and dark greenish gray (5GY 4/1) NANNOFOSSIL CLAY.
Minor Lithology:
There is a thin layer of medium gray (N5) VOLCANIC ASH (Section 1, 139-140 cm).
General Description:
Throughout Sections 3 to 7 there are some greenish gray (5GY 6/1) and grayish purple (5P 4/2) bands. Many pyrite blebs are scattered throughout, from Section 1 to 7.

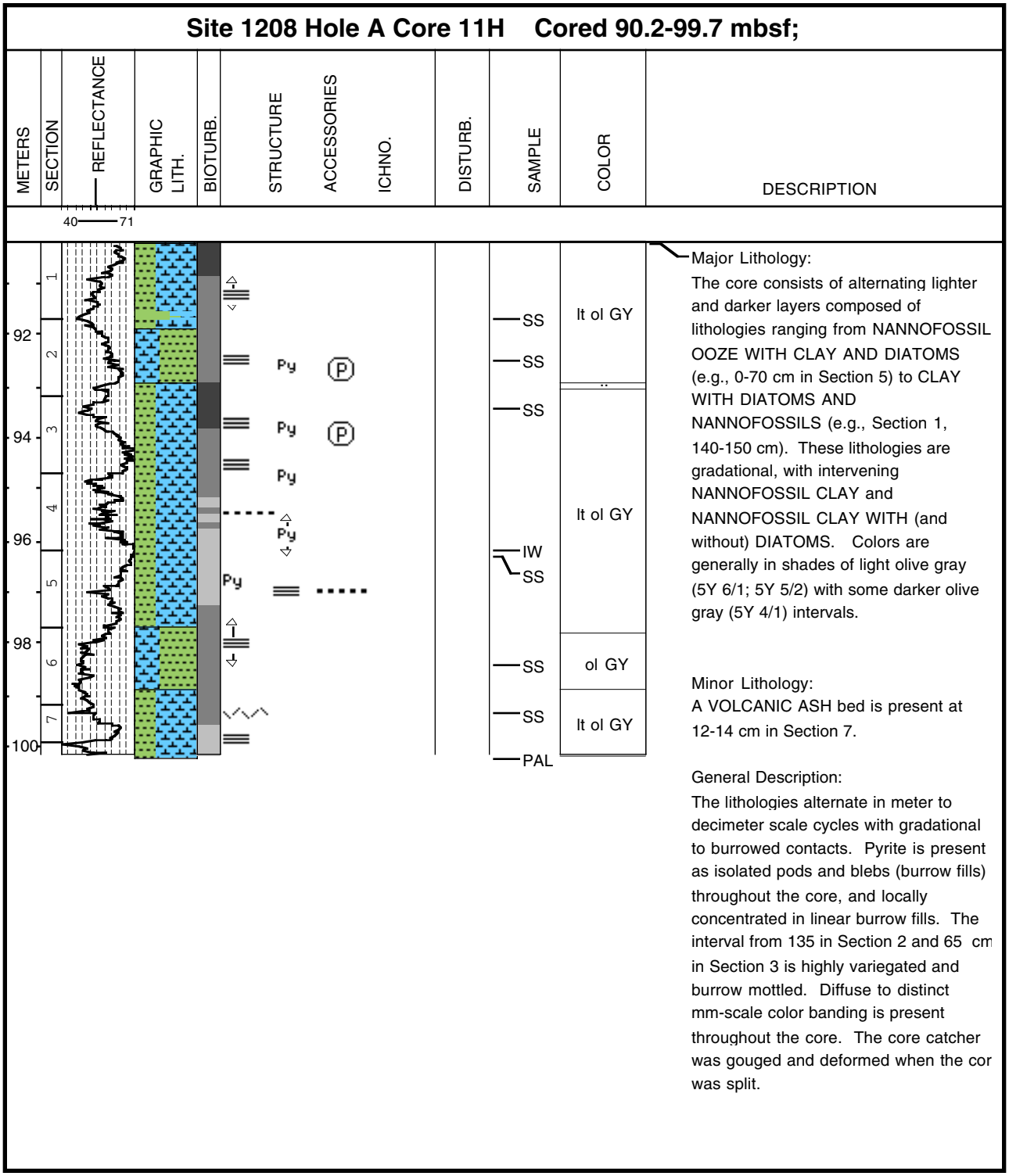
Core Photo


Site 1208 Hole A Core 9H Cored 71.2-80.7 mbsf
METERS
SECTION
REFLECTANCE
30
70
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
72
74
76
78
80
1
2
3
4
5
6
7
CAR
SS
SS
CAR
SS
CAR
IW
PAL
gn GY
lt gn GY
gn GY
lt gn GY
gn GY
lt gn GY
gn GY
lt gn GY
gn GY
lt gn GY
lt gn GY
Major Lithology:
The dominant lithologies are light greenish gray (5GY 8/1) NANNOFOSSIL OOZE WITH CLAY AND DIATOMS and greenish gray (5GY 6/1) NANNOFOSSIL CLAY.
Minor Lithology:
A 10 cm thick VOLCANIC ASH is present near the base of Section 2, from 142 to 145 cm.
General Description:
There is a mottled texture and flecks of pyrite are disseminated throughout. At the top of Section 3, at 7-11 cm, two ash pods (2-3 cm) are present.

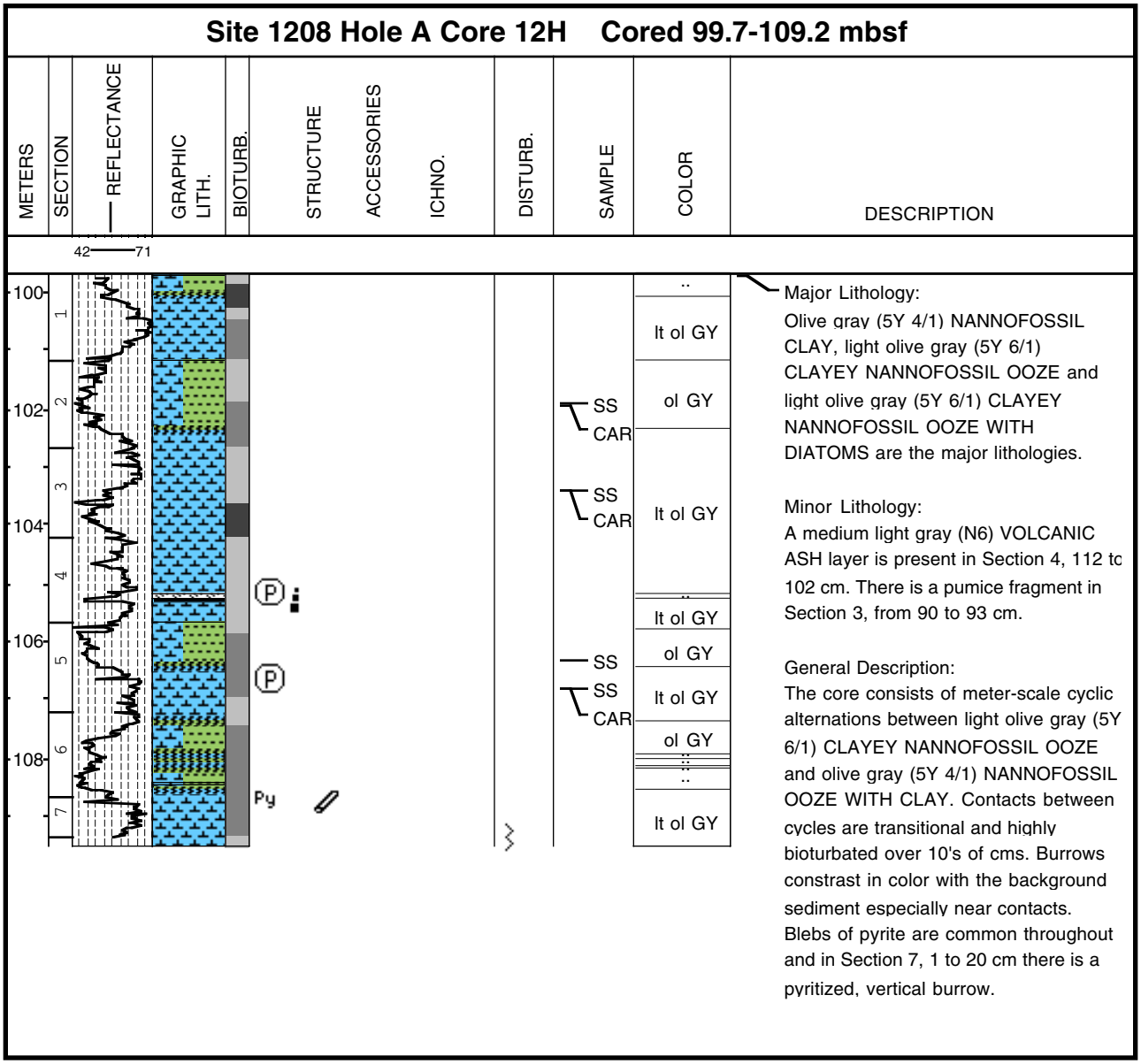
Core Photo


Site 1208 Hole A Core 10H Cored 80.7-90.2 mbsf
METERS
SECTION
REFLECTANCE
35
68
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
82
84
86
88
90
1
2
3
4
5
6
7
P
CAR
SS
CAR
SS
CAR
SS
SS
IW
CAR
PAL
lt GY
gn GY
mlt GY
gn GY
dk gn GY
gn GY
dk gn GY
gn GY
Major Lithology:
Major lithologies are greenish gray (5GY 6/1) CLAYEY NANNOFOSSIL OOZE WITH DIATOMS and dark greenish gray (5GY 4/1) NANNOFOSSIL CLAY.
Minor Lithology:
Minor lithology is olive gray (5Y 4/1) and light to medium gray (N7, N6) NANNOFOSSIL OOZE WITH CLAY . In Section 2, 112-117 cm, a VOLCANIC AS layer is present. Section 2 also contains bioturbated ASH at 132-133 cm.
General Description:
At the top of Section 1, 3-4 cm, there is a sharp contact between olive gray NANNOFOSSIL OOZE WITH CLAY and light gray NANNOFOSSIL OOZE WITH CLAY. Bioturbation is moderate to common with discrete burrows and mottles. Pyrite blebs are common throughout the core, as wll as black and green color bands. Black and green color banding is present throughout the core.
A pumice fragment is present in Section 6, at 75-76 cm.

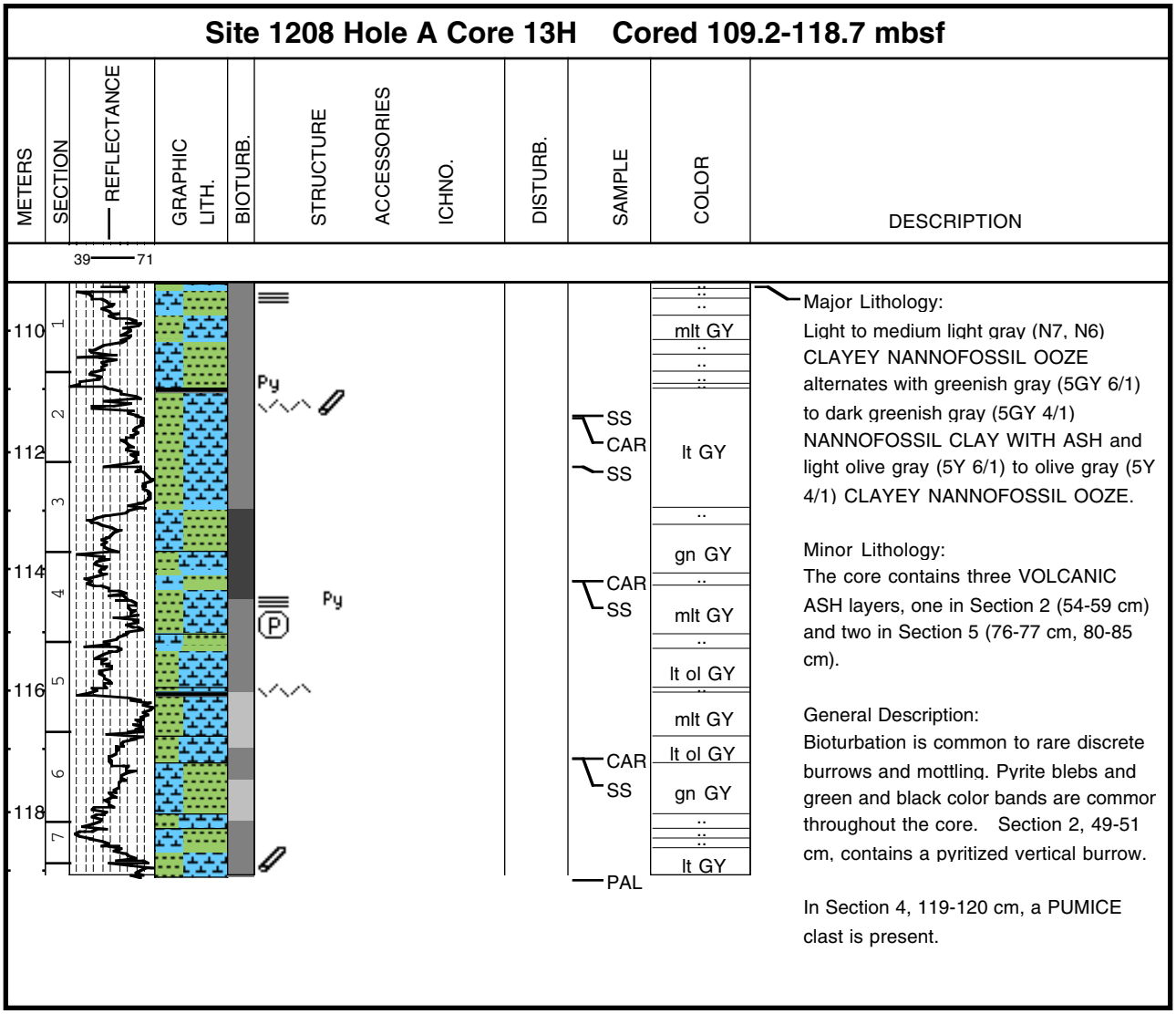
Core Photo


Site 1208 Hole A Core 11H Cored 90.2-99.7 mbsf;
METERS
SECTION
REFLECTANCE
40
71
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
92
94
96
98
100
1
2
3
4
5
6
7
Py
P
SS
IW
PAL
lt ol GY
ol GY
Major Lithology:
The core consists of alternating lighter and darker layers composed of lithologies ranging from NANNOFOSSIL OOZE WITH CLAY AND DIATOMS (e.g., 0-70 cm in Section 5) to CLAY WITH DIATOMS AND NANNOFOSSILS (e.g., Section 1, 140-150 cm). These lithologies are gradational, with intervening NANNOFOSSIL CLAY and NANNOFOSSIL CLAY WITH (and without) DIATOMS. Colors are generally in shades of light olive gray (5Y 6/1; 5Y 5/2) with some darker olive gray (5Y 4/1) intervals.
Minor Lithology:
A VOLCANIC ASH bed is present at 12-14 cm in Section 7.
General Description:
The lithologies alternate in meter to decimeter scale cycles with gradational to burrowed contacts. Pyrite is present as isolated pods and blebs (burrow fills) throughout the core, and locally concentrated in linear burrow fills. The interval from 135 in Section 2 and 65 cm in Section 3 is highly variegated and burrow mottled. Diffuse to distinct mm-scale color banding is present throughout the core. The core catcher was gouged and deformed when the cor was split.

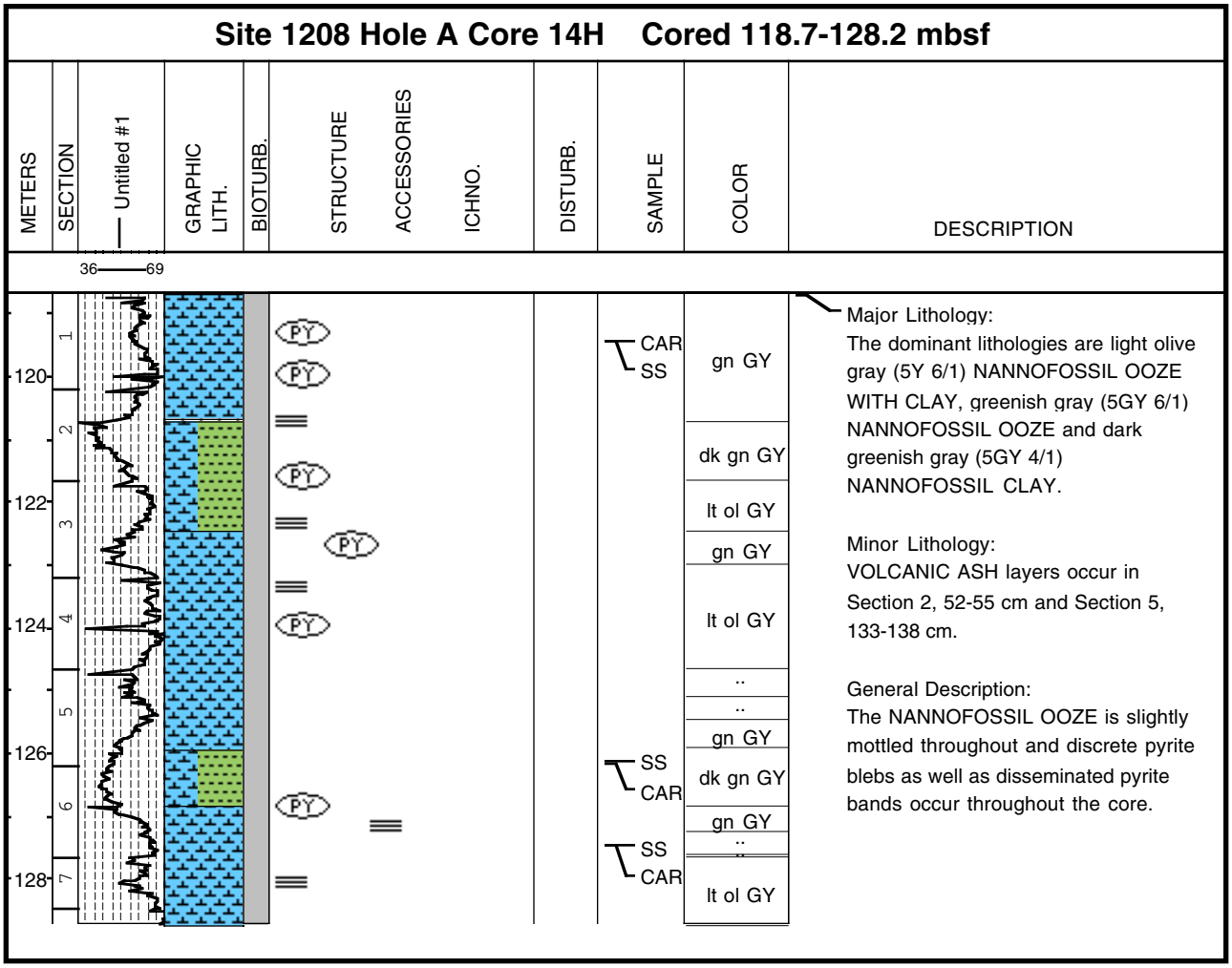
Core Photo


Site 1208 Hole A Core 12H Cored 99.7-109.2 mbsf
METERS
SECTION
REFLECTANCE
42
71
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
100
102
104
106
108
1
2
3
4
5
6
7
P
P
Py
SS
CAR
SS
CAR
SS
SS
CAR
lt ol GY
ol GY
lt ol GY
lt ol GY
ol GY
lt ol GY
ol GY
lt ol GY
Major Lithology:
Olive gray (5Y 4/1) NANNOFOSSIL CLAY, light olive gray (5Y 6/1) CLAYEY NANNOFOSSIL OOZE and light olive gray (5Y 6/1) CLAYEY NANNOFOSSIL OOZE WITH DIATOMS are the major lithologies.
Minor Lithology:
A medium light gray (N6) VOLCANIC ASH layer is present in Section 4, 112 to 102 cm. There is a pumice fragment in Section 3, from 90 to 93 cm.
General Description:
The core consists of meter-scale cyclic alternations between light olive gray (5Y 6/1) CLAYEY NANNOFOSSIL OOZE and olive gray (5Y 4/1) NANNOFOSSIL OOZE WITH CLAY. Contacts between cycles are transitional and highly bioturbated over 10's of cms. Burrows constrast in color with the background sediment especially near contacts. Blebs of pyrite are common throughout and in Section 7, 1 to 20 cm there is a pyritized, vertical burrow.

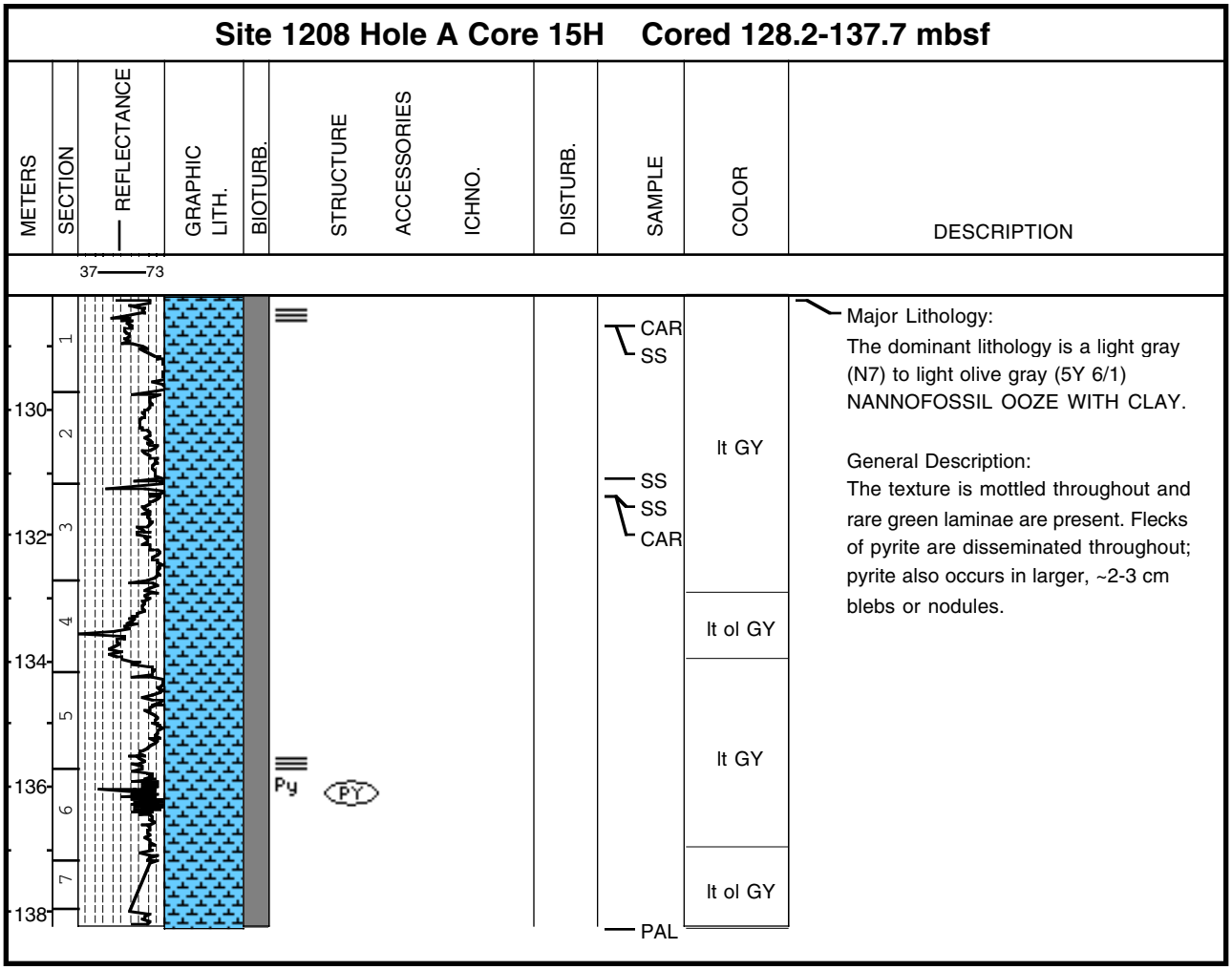
Core Photo


Site 1208 Hole A Core 13H Cored 109.2-118.7 mbsf
METERS
SECTION
REFLECTANCE
39
71
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
110
112
114
116
118
1
2
3
4
5
6
7
Py
Py
P
SS
CAR
SS
CAR
SS
CAR
SS
PAL
mlt GY
lt GY
gn GY
mlt GY
lt ol GY
mlt GY
lt ol GY
gn GY
lt GY
Major Lithology:
Light to medium light gray (N7, N6) CLAYEY NANNOFOSSIL OOZE alternates with greenish gray (5GY 6/1) to dark greenish gray (5GY 4/1) NANNOFOSSIL CLAY WITH ASH and light olive gray (5Y 6/1) to olive gray (5Y 4/1) CLAYEY NANNOFOSSIL OOZE.
Minor Lithology:
The core contains three VOLCANIC ASH layers, one in Section 2 (54-59 cm) and two in Section 5 (76-77 cm, 80-85 cm).
General Description:
Bioturbation is common to rare discrete burrows and mottling. Pyrite blebs and green and black color bands are commor throughout the core. Section 2, 49-51 cm, contains a pyritized vertical burrow.
In Section 4, 119-120 cm, a PUMICE clast is present.

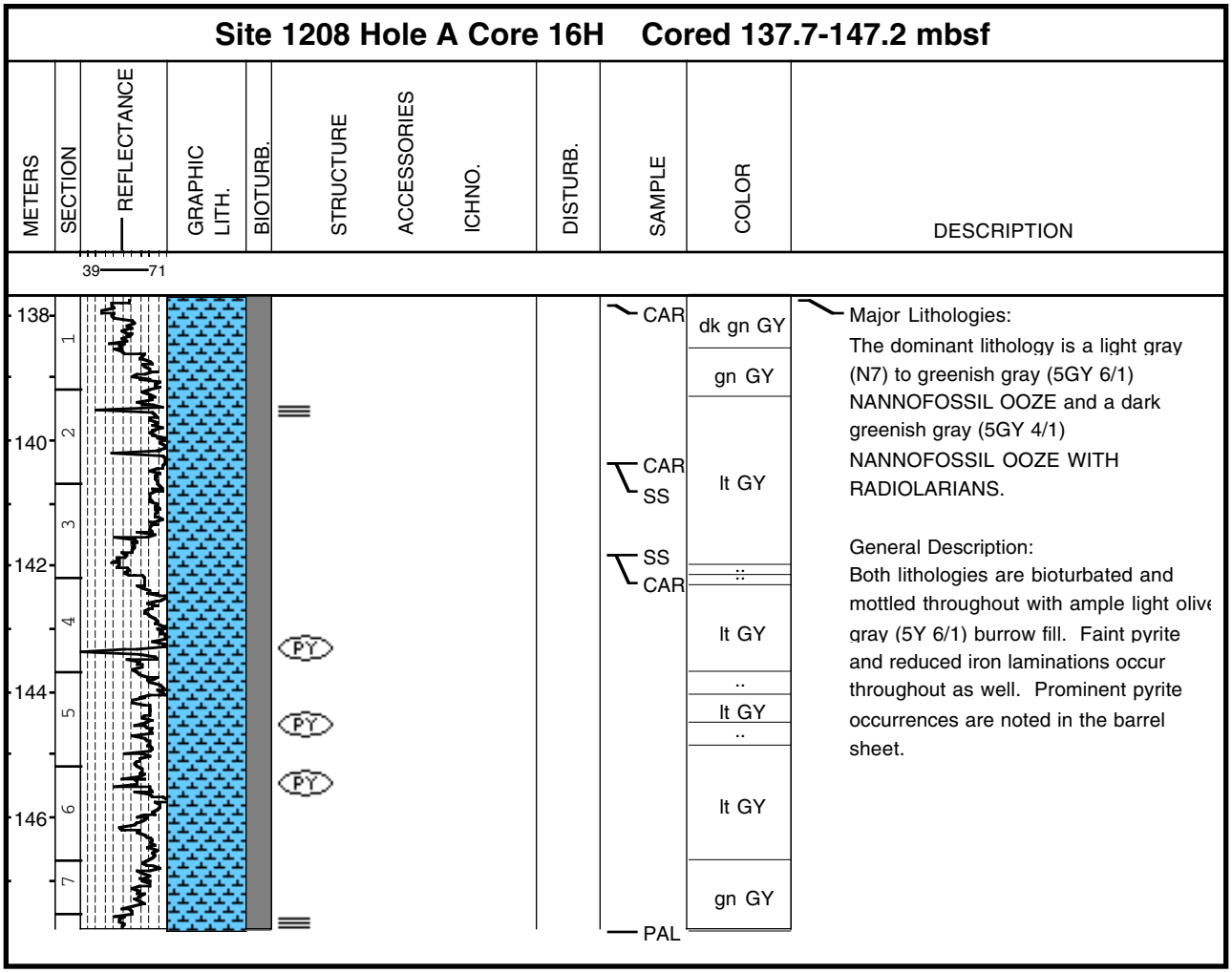
Core Photo


Site 1208 Hole A Core 14H Cored 118.7-128.2 mbsf
METERS
SECTION
Untitled #1
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
36
69
120
122
124
126
128
1
2
3
4
5
6
7
PY
CAR
SS
gn GY
dk gn GY
lt ol GY
gn GY
lt ol GY
gn GY
dk gn GY
gn GY
lt ol GY
Major Lithology:
The dominant lithologies are light olive gray (5Y 6/1) NANNOFOSSIL OOZE WITH CLAY, greenish gray (5GY 6/1) NANNOFOSSIL OOZE and dark greenish gray (5GY 4/1) NANNOFOSSIL CLAY.
Minor Lithology:
VOLCANIC ASH layers occur in Section 2, 52-55 cm and Section 5, 133-138 cm.
General Description:
The NANNOFOSSIL OOZE is slightly mottled throughout and discrete pyrite blebs as well as disseminated pyrite bands occur throughout the core.

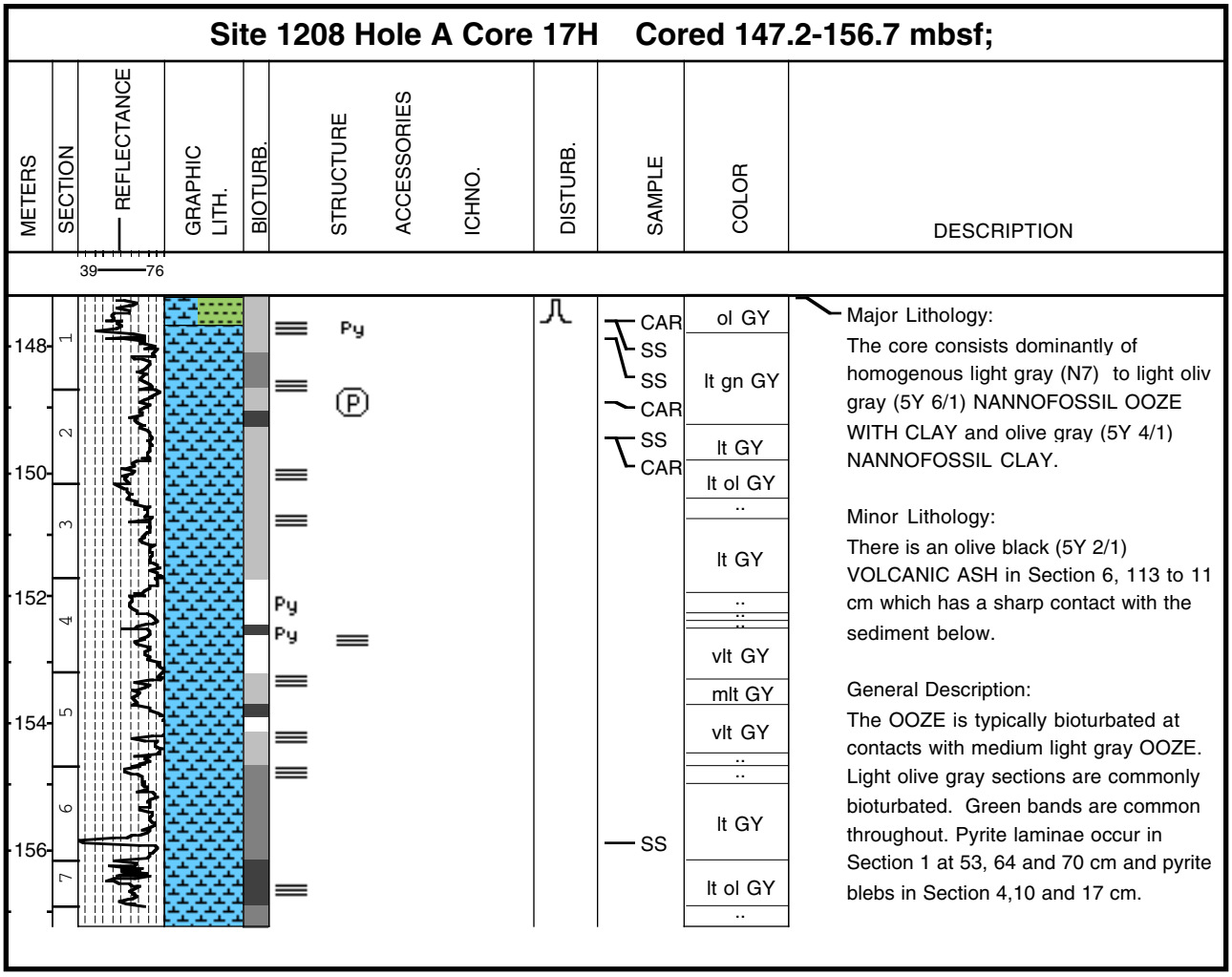
Core Photo


Site 1208 Hole A Core 15H Cored 128.2-137.7 mbsf
METERS
SECTION
REFLECTANCE
37
73
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
130
132
134
136
138
1
2
3
4
5
6
7
Py
PY
CAR
SS
SS
SS
CAR
PAL
lt GY
lt ol GY
lt GY
lt ol GY
Major Lithology:
The dominant lithology is a light gray (N7) to light olive gray (5Y 6/1) NANNOFOSSIL OOZE WITH CLAY.
General Description:
The texture is mottled throughout and rare green laminae are present. Flecks of pyrite are disseminated throughout; pyrite also occurs in larger, ~2-3 cm blebs or nodules.

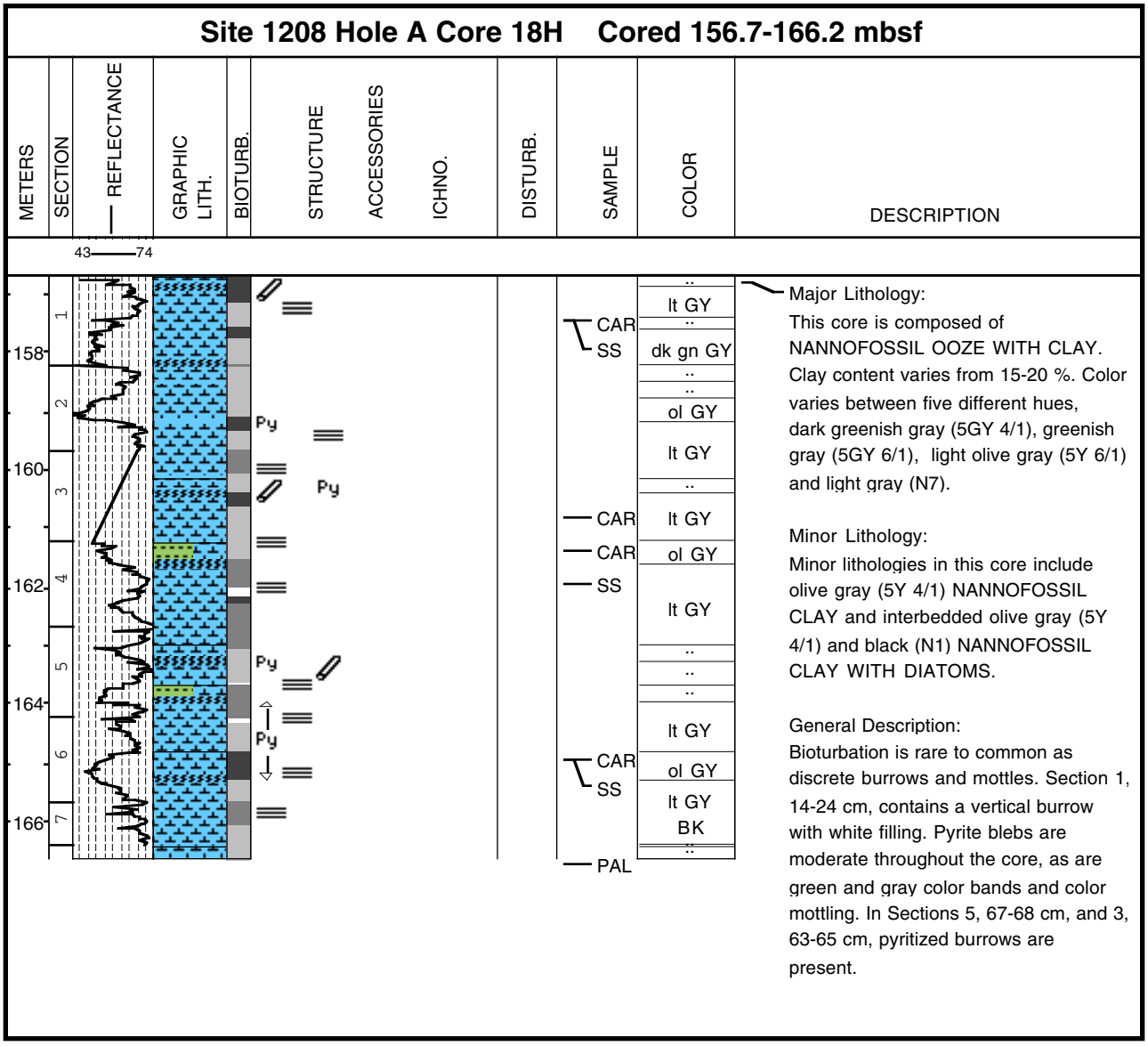
Core Photo


Site 1208 Hole A Core 16H Cored 137.7-147.2 mbsf
METERS
SECTION
REFLECTANCE
39
71
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
138
140
142
144
146
1
2
3
4
5
6
7
PY
PY
PY
CAR
CAR
SS
SS
CAR
PAL
dk gn GY
gn GY
lt GY
lt GY
lt GY
lt GY
gn GY
Major Lithologies:
The dominant lithology is a light gray (N7) to greenish gray (5GY 6/1) NANNOFOSSIL OOZE and a dark greenish gray (5GY 4/1) NANNOFOSSIL OOZE WITH RADIOLARIANS.
General Description:
Both lithologies are bioturbated and mottled throughout with ample light olive gray (5Y 6/1) burrow fill. Faint pyrite and reduced iron laminations occur throughout as well. Prominent pyrite occurrences are noted in the barrel sheet.

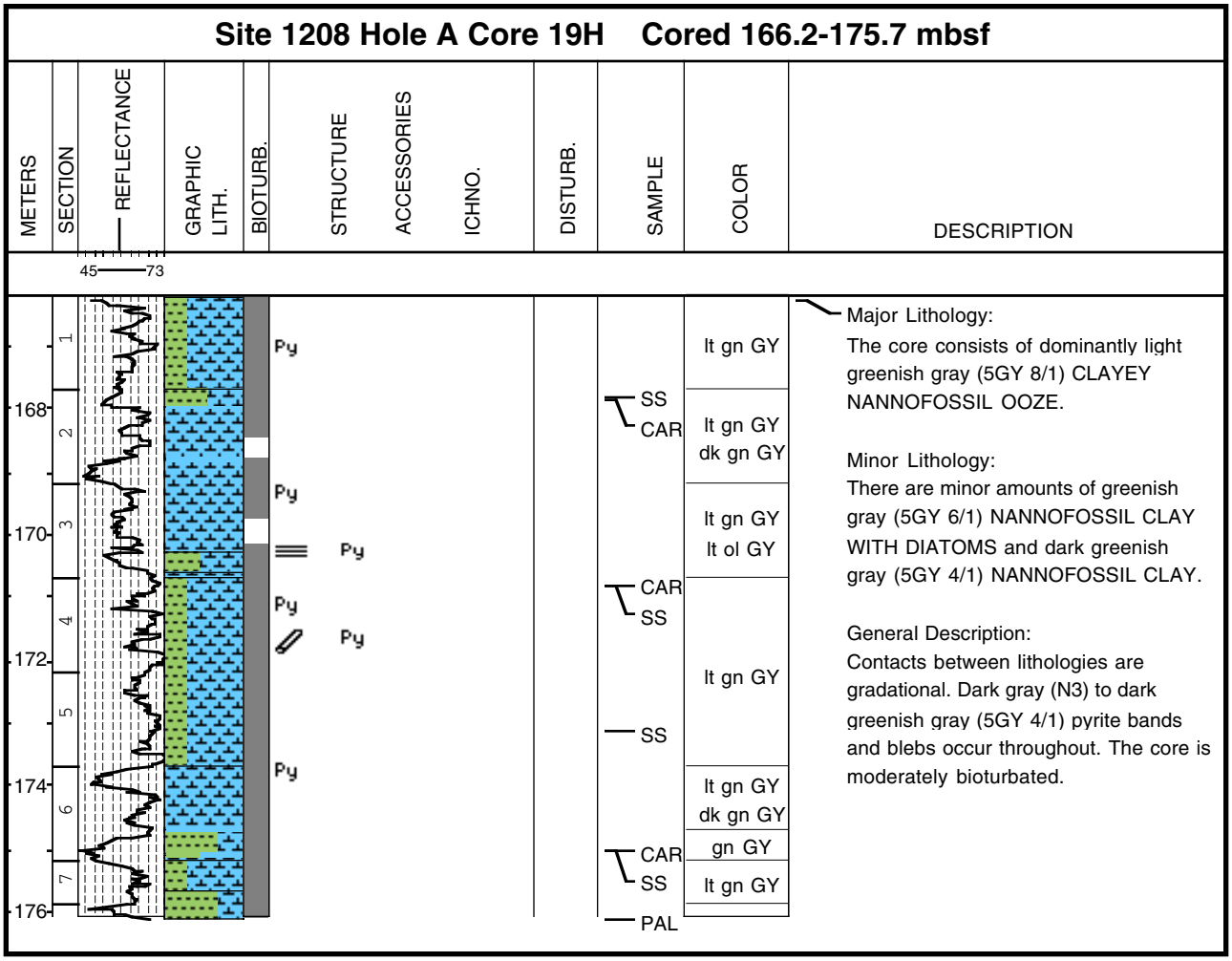
Core Photo


Site 1208 Hole A Core 17H Cored 147.2-156.7 mbsf;
METERS
SECTION
REFLECTANCE
39
76
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
148
150
152
154
156
1
2
3
4
5
6
7
Py
Py
Py
P
CAR
SS
SS
CAR
SS
CAR
SS
ol GY
lt gn GY
lt GY
lt ol GY
lt GY
vlt GY
mlt GY
vlt GY
lt GY
lt ol GY
Major Lithology:
The core consists dominantly of homogenous light gray (N7) to light oliv gray (5Y 6/1) NANNOFOSSIL OOZE WITH CLAY and olive gray (5Y 4/1) NANNOFOSSIL CLAY.
Minor Lithology:
There is an olive black (5Y 2/1) VOLCANIC ASH in Section 6, 113 to 11 cm which has a sharp contact with the sediment below.
General Description:
The OOZE is typically bioturbated at contacts with medium light gray OOZE. Light olive gray sections are commonly bioturbated. Green bands are common throughout. Pyrite laminae occur in Section 1 at 53, 64 and 70 cm and pyrite blebs in Section 4,10 and 17 cm.

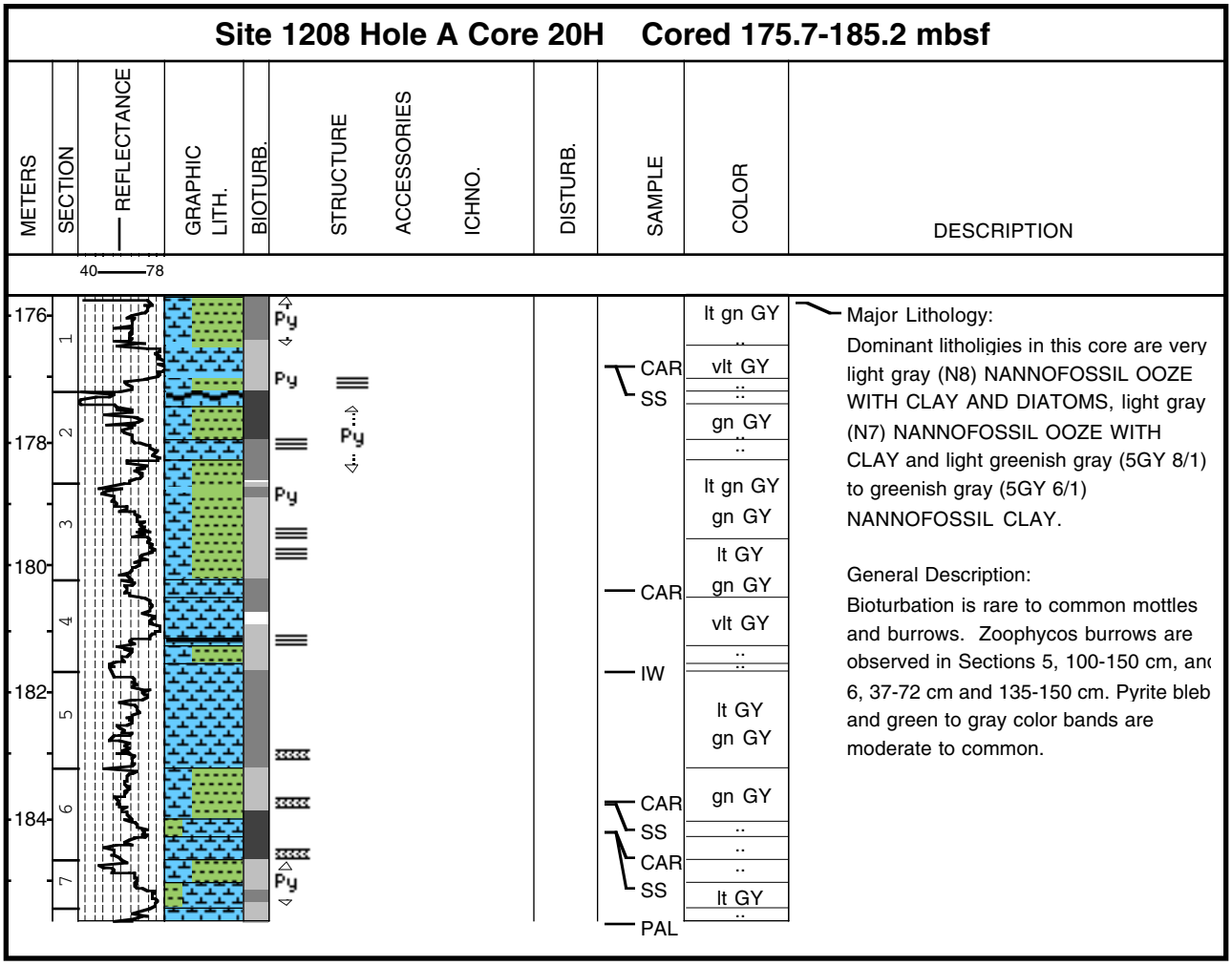
Core Photo


Site 1208 Hole A Core 18H Cored 156.7-166.2 mbsf
METERS
SECTION
REFLECTANCE
43
74
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
158
160
162
164
166
1
2
3
4
5
6
7
Py
Py
Py
Py
CAR
SS
CAR
CAR
SS
CAR
SS
PAL
lt GY
dk gn GY
ol GY
lt GY
lt GY
ol GY
lt GY
lt GY
ol GY
lt GY
BK
Major Lithology:
This core is composed of NANNOFOSSIL OOZE WITH CLAY. Clay content varies from 15-20 %. Color varies between five different hues, dark greenish gray (5GY 4/1), greenish gray (5GY 6/1), light olive gray (5Y 6/1) and light gray (N7).
Minor Lithology:
Minor lithologies in this core include olive gray (5Y 4/1) NANNOFOSSIL CLAY and interbedded olive gray (5Y 4/1) and black (N1) NANNOFOSSIL CLAY WITH DIATOMS.
General Description:
Bioturbation is rare to common as discrete burrows and mottles. Section 1, 14-24 cm, contains a vertical burrow with white filling. Pyrite blebs are moderate throughout the core, as are green and gray color bands and color mottling. In Sections 5, 67-68 cm, and 3, 63-65 cm, pyritized burrows are present.

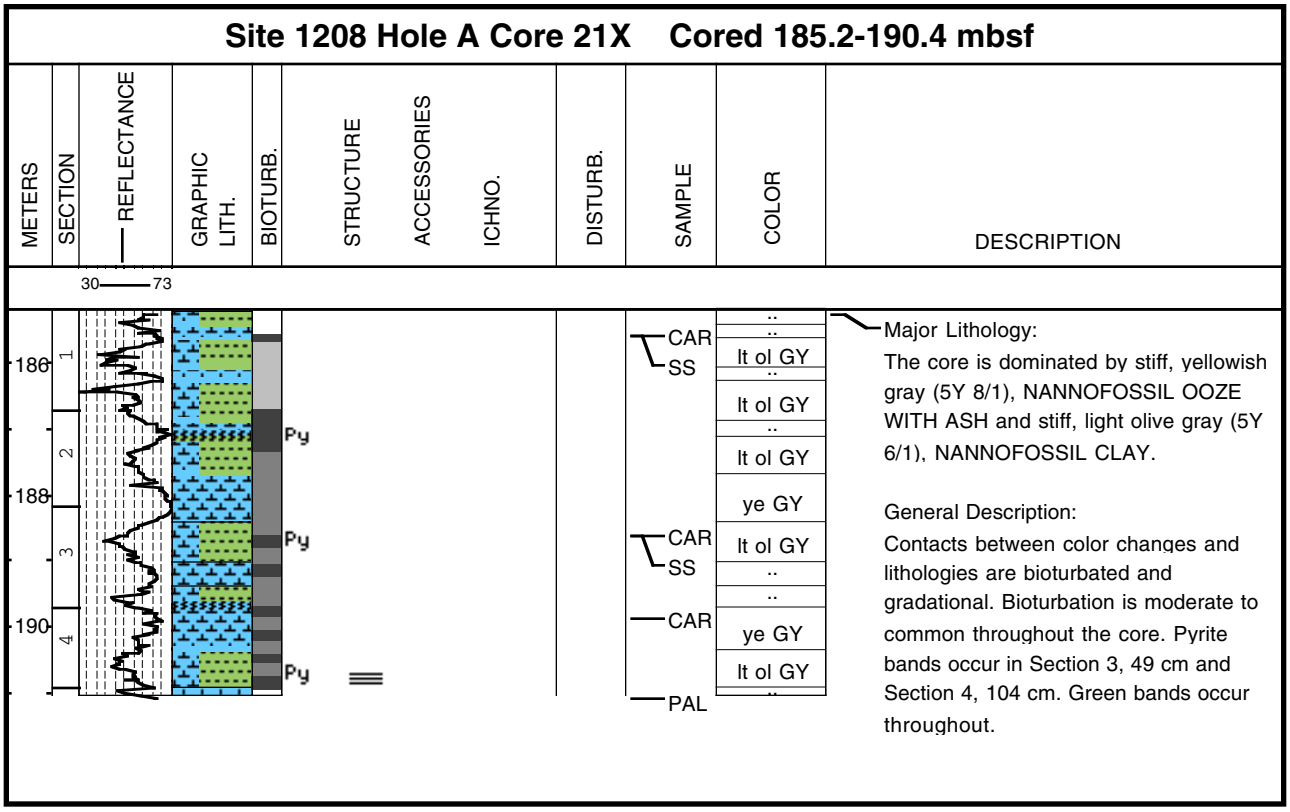
Core Photo


Site 1208 Hole A Core 19H Cored 166.2-175.7 mbsf
METERS
SECTION
REFLECTANCE
45
73
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
168
170
172
174
176
1
2
3
4
5
6
7
Py
Py
Py
Py
Py
SS
CAR
CAR
SS
SS
CAR
SS
PAL
lt gn GY
lt gn GY
dk gn GY
lt gn GY
lt ol GY
lt gn GY
lt gn GY
dk gn GY
gn GY
lt gn GY
Major Lithology:
The core consists of dominantly light greenish gray (5GY 8/1) CLAYEY NANNOFOSSIL OOZE.
Minor Lithology:
There are minor amounts of greenish gray (5GY 6/1) NANNOFOSSIL CLAY WITH DIATOMS and dark greenish gray (5GY 4/1) NANNOFOSSIL CLAY.
General Description:
Contacts between lithologies are gradational. Dark gray (N3) to dark greenish gray (5GY 4/1) pyrite bands and blebs occur throughout. The core is moderately bioturbated.

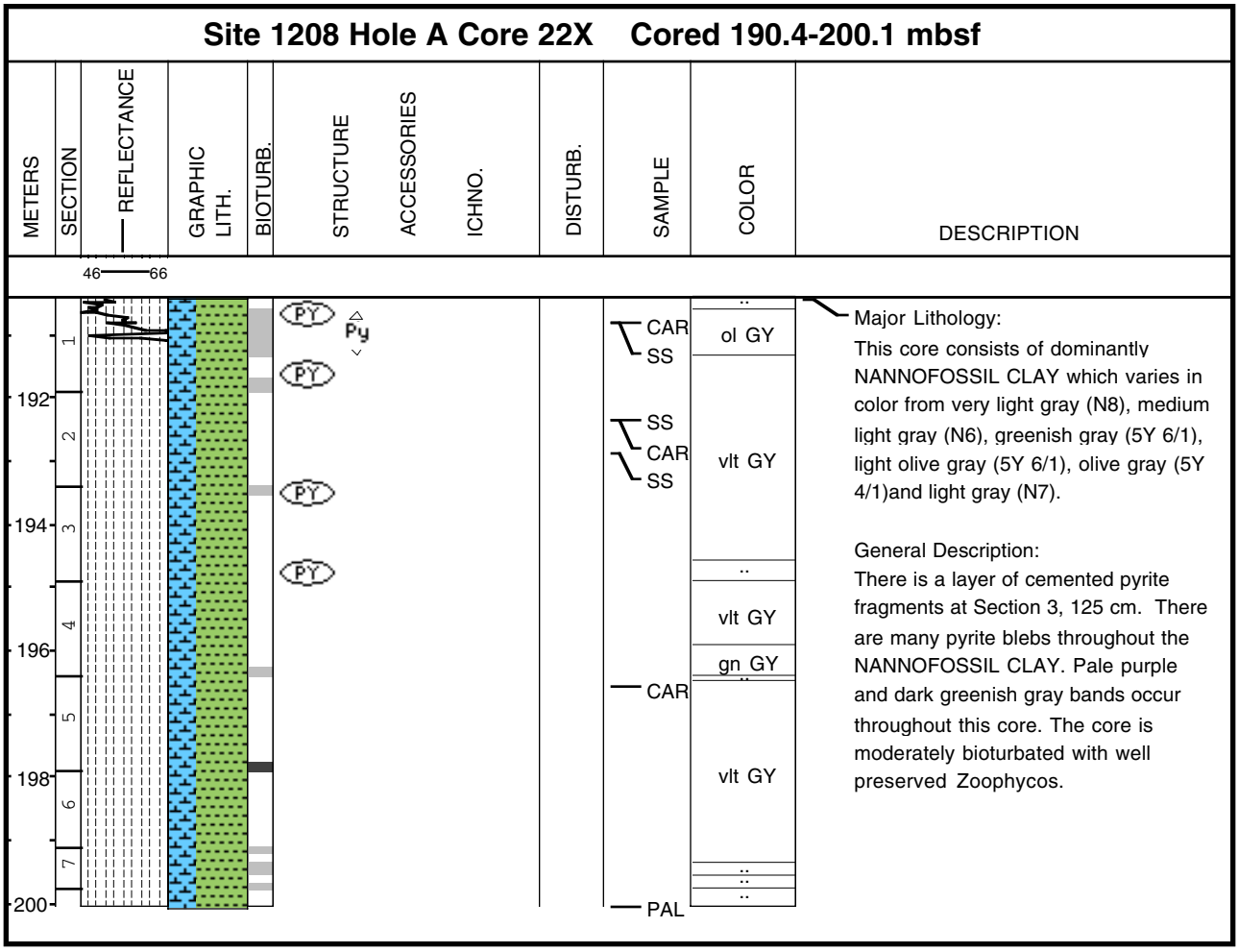
Core Photo


Site 1208 Hole A Core 20H Cored 175.7-185.2 mbsf
METERS
SECTION
REFLECTANCE
40
78
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
176
178
180
182
184
1
2
3
4
5
6
7
Py
CAR
SS
IW
PAL
lt gn GY
vlt GY
gn GY
lt GY
Major Lithology:
Dominant litholigies in this core are very light gray (N8) NANNOFOSSIL OOZE WITH CLAY AND DIATOMS, light gray (N7) NANNOFOSSIL OOZE WITH CLAY and light greenish gray (5GY 8/1) to greenish gray (5GY 6/1) NANNOFOSSIL CLAY.
General Description:
Bioturbation is rare to common mottles and burrows. Zoophycos burrows are observed in Sections 5, 100-150 cm, and 6, 37-72 cm and 135-150 cm. Pyrite bleb and green to gray color bands are moderate to common.

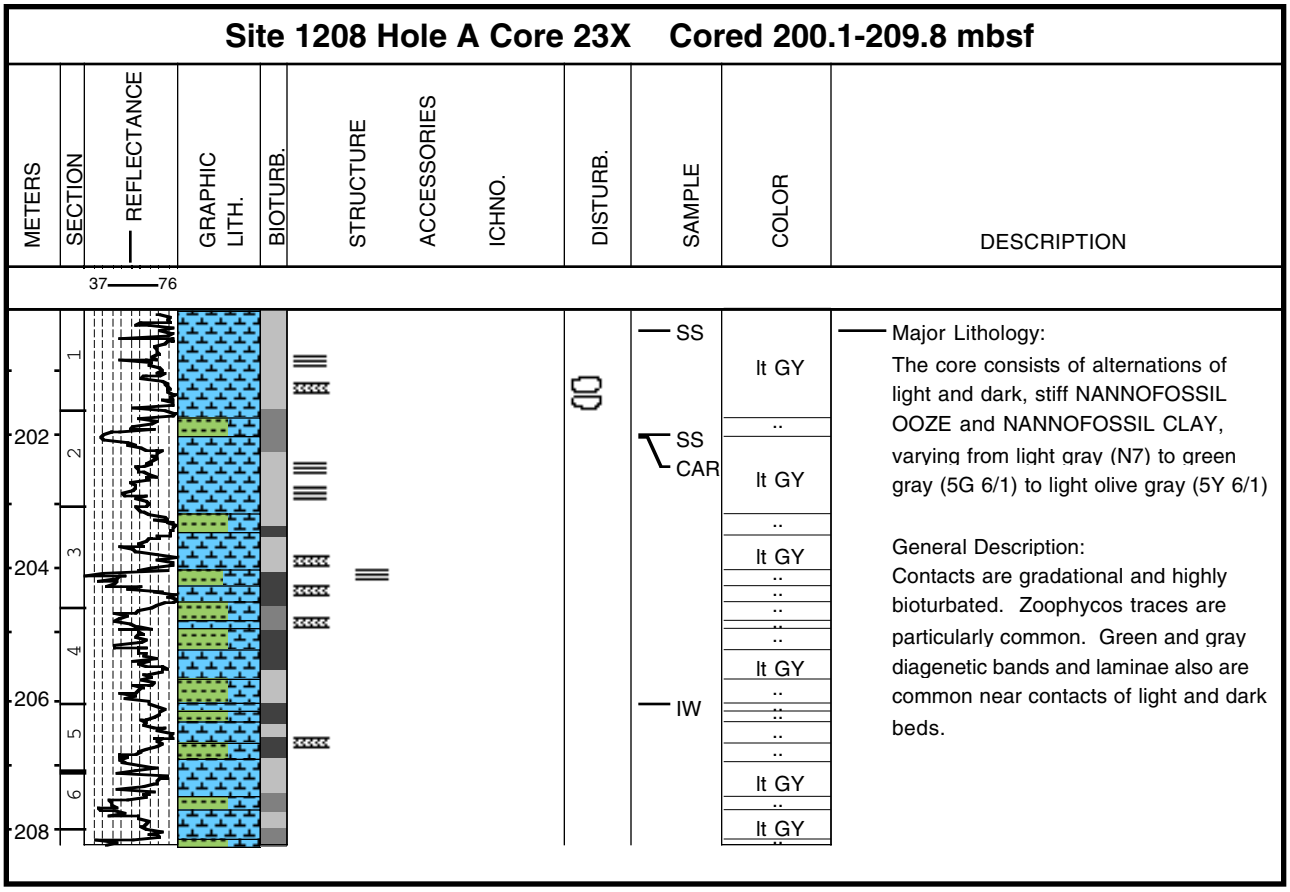
Core Photo


Site 1208 Hole A Core 21X Cored 185.2-190.4 mbsf
METERS
SECTION
REFLECTANCE
30
73
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
186
188
190
1
2
3
4
Py
Py
Py
CAR
SS
CAR
SS
CAR
PAL
lt ol GY
lt ol GY
lt ol GY
ye GY
lt ol GY
ye GY
lt ol GY
Major Lithology:
The core is dominated by stiff, yellowish gray (5Y 8/1), NANNOFOSSIL OOZE WITH ASH and stiff, light olive gray (5Y 6/1), NANNOFOSSIL CLAY.
General Description:
Contacts between color changes and lithologies are bioturbated and gradational. Bioturbation is moderate to common throughout the core. Pyrite bands occur in Section 3, 49 cm and Section 4, 104 cm. Green bands occur throughout.

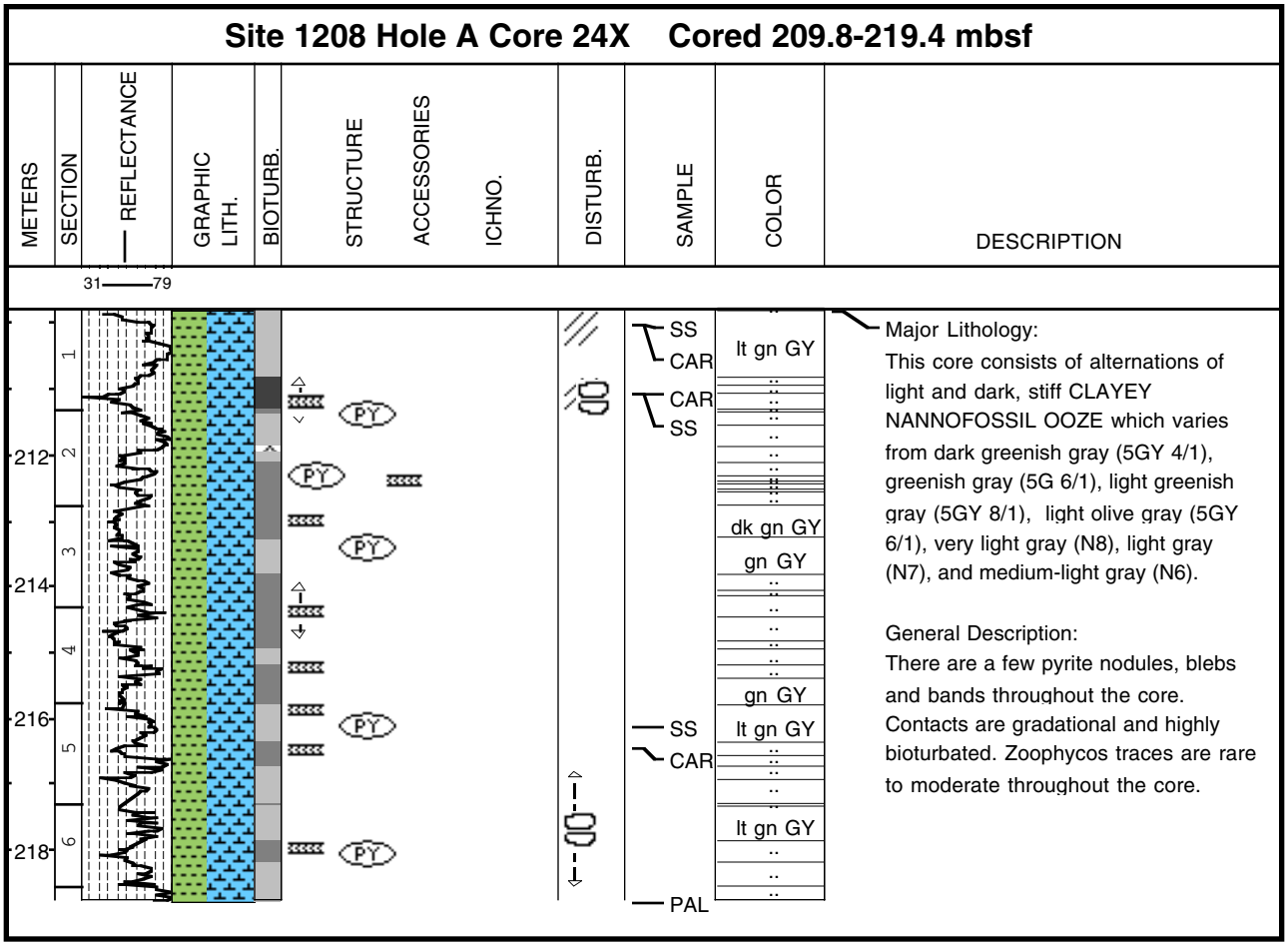
Core Photo


Site 1208 Hole A Core 22X Cored 190.4-200.1 mbsf
METERS
SECTION
REFLECTANCE
46
66
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
192
194
196
198
200
1
2
3
4
5
6
7
PY
Py
CAR
SS
SS
CAR
SS
CAR
PAL
ol GY
vlt GY
vlt GY
gn GY
vlt GY
Major Lithology:
This core consists of dominantly NANNOFOSSIL CLAY which varies in color from very light gray (N8), medium light gray (N6), greenish gray (5Y 6/1), light olive gray (5Y 6/1), olive gray (5Y 4/1)and light gray (N7).
General Description:
There is a layer of cemented pyrite fragments at Section 3, 125 cm. There are many pyrite blebs throughout the NANNOFOSSIL CLAY. Pale purple and dark greenish gray bands occur throughout this core. The core is moderately bioturbated with well preserved Zoophycos.

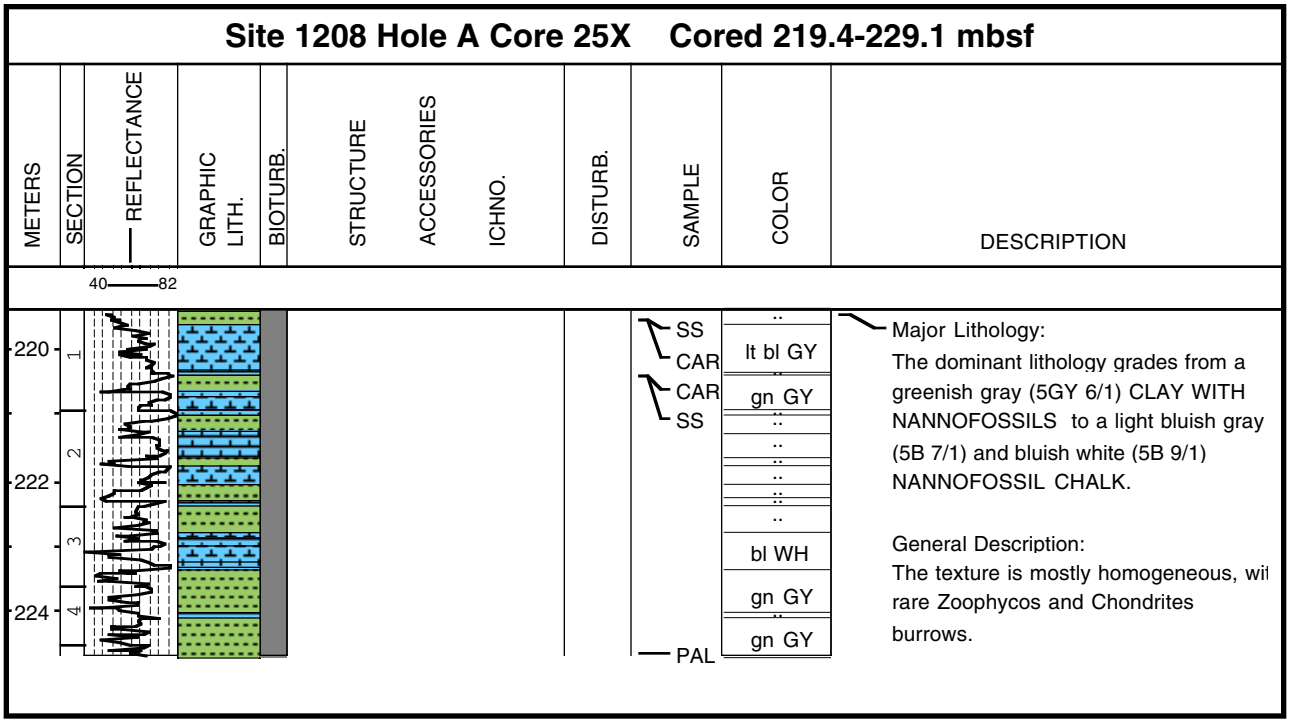
Core Photo


Site 1208 Hole A Core 23X Cored 200.1-209.8 mbsf
METERS
SECTION
REFLECTANCE
37
76
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
202
204
206
208
1
2
3
4
5
6
SS
SS
CAR
IW
lt GY
lt GY
lt GY
lt GY
lt GY
Major Lithology:
The core consists of alternations of light and dark, stiff NANNOFOSSIL OOZE and NANNOFOSSIL CLAY, varying from light gray (N7) to green gray (5G 6/1) to light olive gray (5Y 6/1)
General Description:
Contacts are gradational and highly bioturbated. Zoophycos traces are particularly common. Green and gray diagenetic bands and laminae also are common near contacts of light and dark beds.

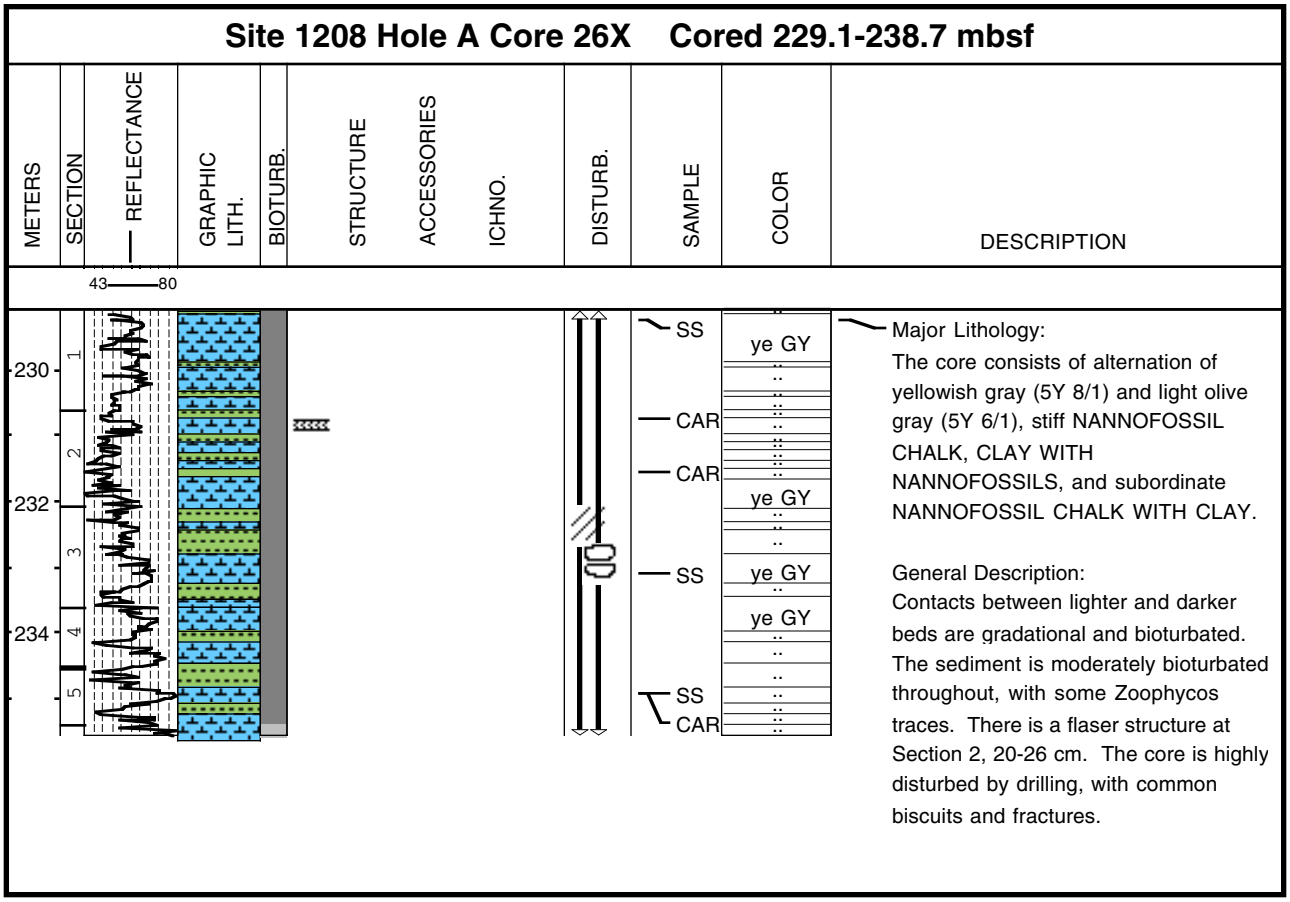
Core Photo


Site 1208 Hole A Core 24X Cored 209.8-219.4 mbsf
METERS
SECTION
REFLECTANCE
31
79
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
212
214
216
218
PY
SS
CAR
CAR
SS
SS
CAR
PAL
lt gn GY
dk gn GY
gn GY
gn GY
lt gn GY
lt gn GY
Major Lithology:
This core consists of alternations of light and dark, stiff CLAYEY NANNOFOSSIL OOZE which varies from dark greenish gray (5GY 4/1), greenish gray (5G 6/1), light greenish gray (5GY 8/1), light olive gray (5GY 6/1), very light gray (N8), light gray (N7), and medium-light gray (N6).
General Description:
There are a few pyrite nodules, blebs and bands throughout the core. Contacts are gradational and highly bioturbated. Zoophycos traces are rare to moderate throughout the core.

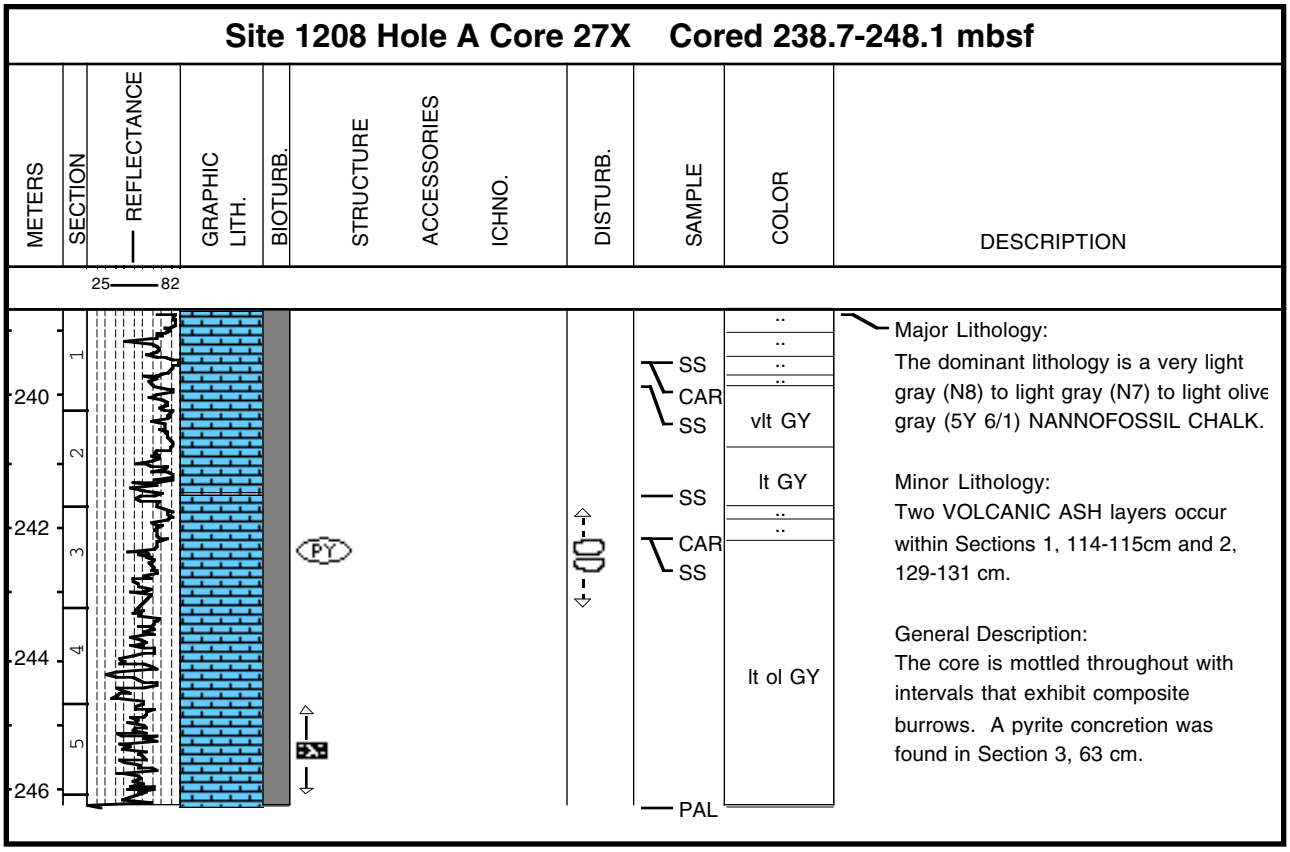
Core Photo


Site 1208 Hole A Core 25X Cored 219.4-229.1 mbsf
METERS
SECTION
REFLECTANCE
40
82
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
220
222
224
1
2
3
4
SS
CAR
CAR
SS
PAL
lt bl GY
gn GY
bl WH
gn GY
gn GY
Major Lithology:
The dominant lithology grades from a greenish gray (5GY 6/1) CLAY WITH NANNOFOSSILS to a light bluish gray (5B 7/1) and bluish white (5B 9/1) NANNOFOSSIL CHALK.
General Description:
The texture is mostly homogeneous, wit
rare Zoophycos and Chondrites
burrows.

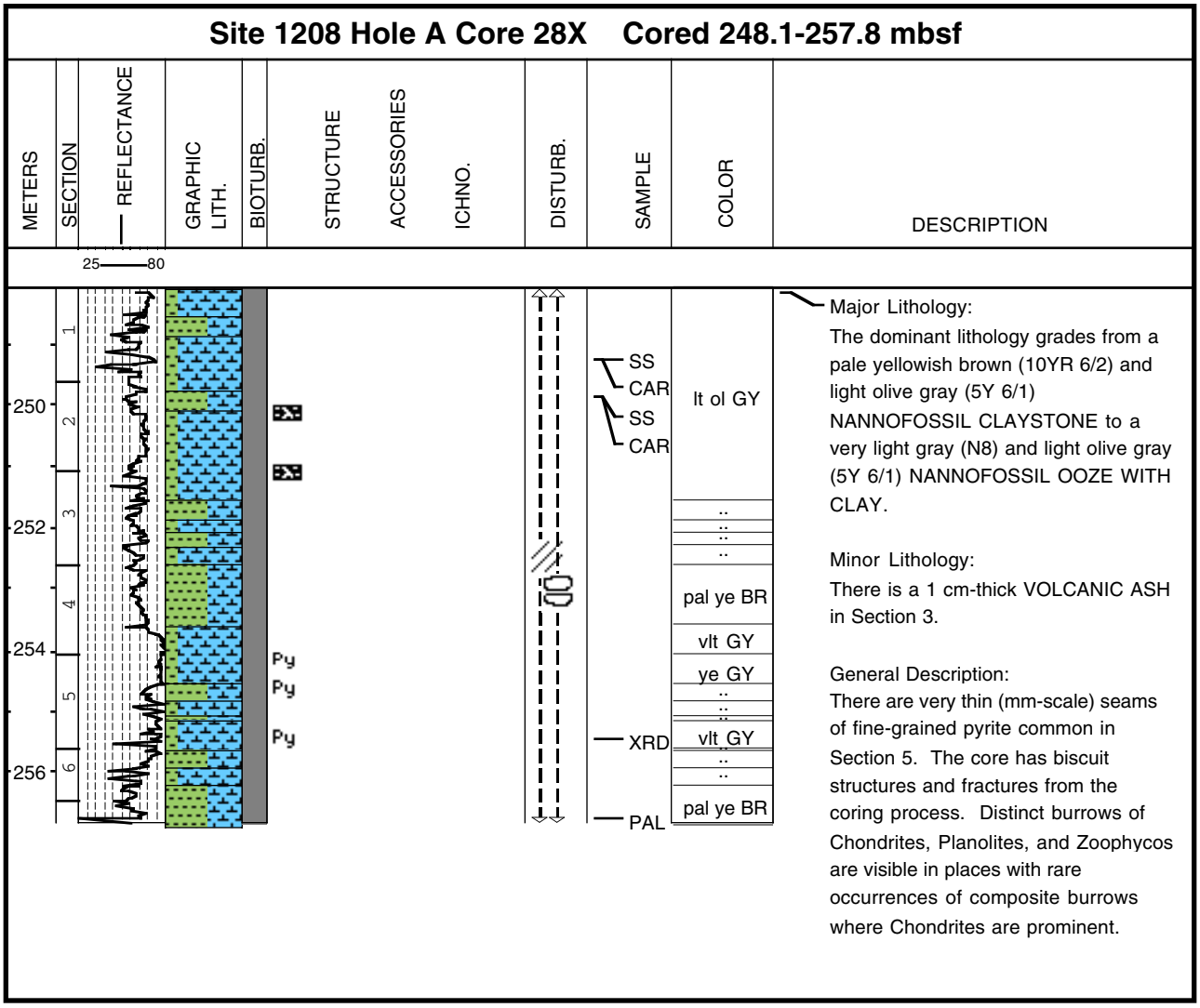
Core Photo


Site 1208 Hole A Core 26X Cored 229.1-238.7 mbsf
METERS
SECTION
REFLECTANCE
43
80
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
230
232
234
1
2
3
4
5
SS
CAR
CAR
SS
SS
CAR
ye GY
ye GY
ye GY
ye GY
Major Lithology:
The core consists of alternation of yellowish gray (5Y 8/1) and light olive gray (5Y 6/1), stiff NANNOFOSSIL CHALK, CLAY WITH NANNOFOSSILS, and subordinate NANNOFOSSIL CHALK WITH CLAY.
General Description:
Contacts between lighter and darker beds are gradational and bioturbated. The sediment is moderately bioturbated throughout, with some Zoophycos traces. There is a flaser structure at Section 2, 20-26 cm. The core is highly disturbed by drilling, with common biscuits and fractures.

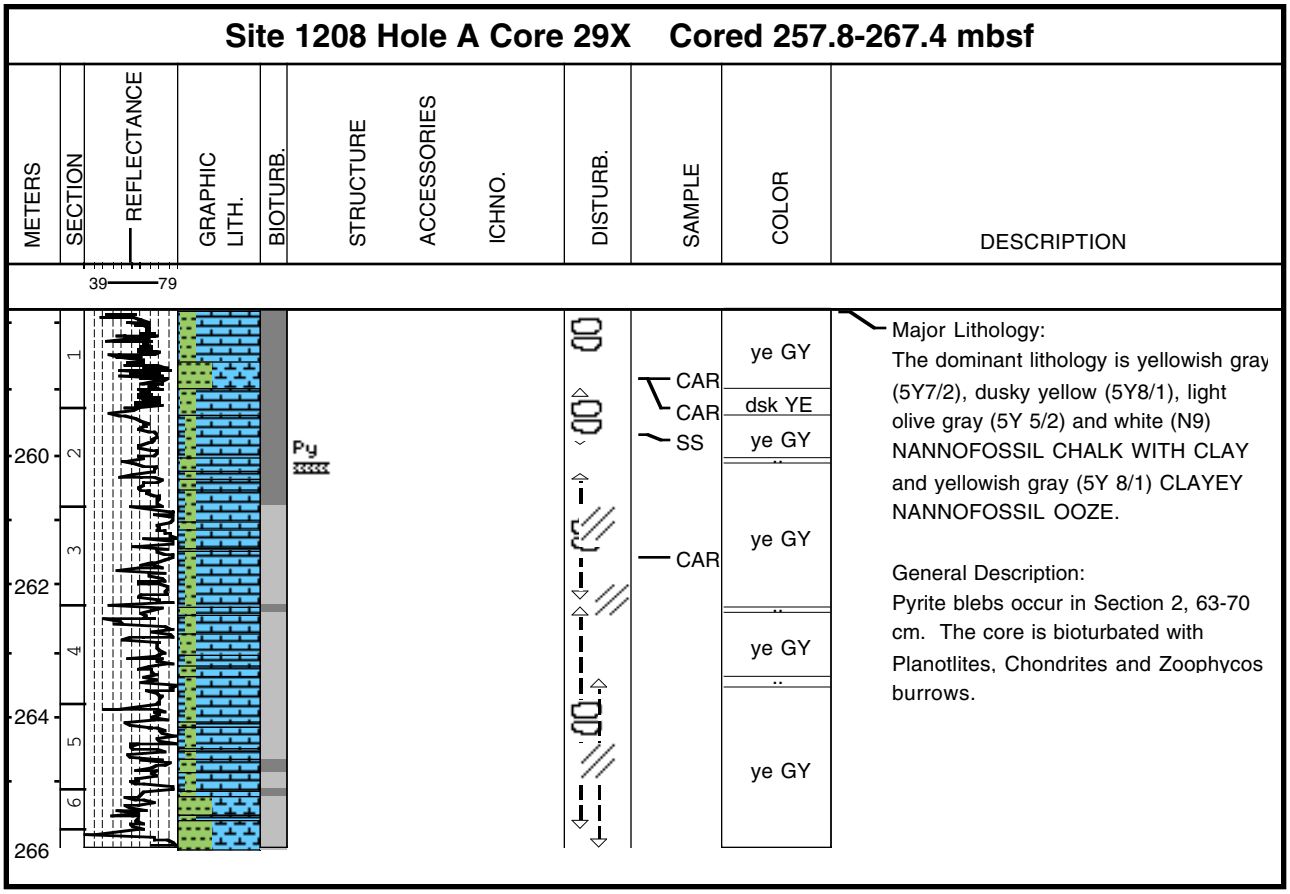
Core Photo


Site 1208 Hole A Core 27X Cored 238.7-248.1 mbsf
METERS
SECTION
REFLECTANCE
25
82
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
240
242
244
246
1
2
3
4
5
PY
SS
CAR
SS
SS
CAR
SS
PAL
vlt GY
lt GY
lt ol GY
Major Lithology:
The dominant lithology is a very light gray (N8) to light gray (N7) to light olive gray (5Y 6/1) NANNOFOSSIL CHALK.
Minor Lithology:
Two VOLCANIC ASH layers occur within Sections 1, 114-115cm and 2, 129-131 cm.
General Description:
The core is mottled throughout with intervals that exhibit composite burrows. A pyrite concretion was found in Section 3, 63 cm.

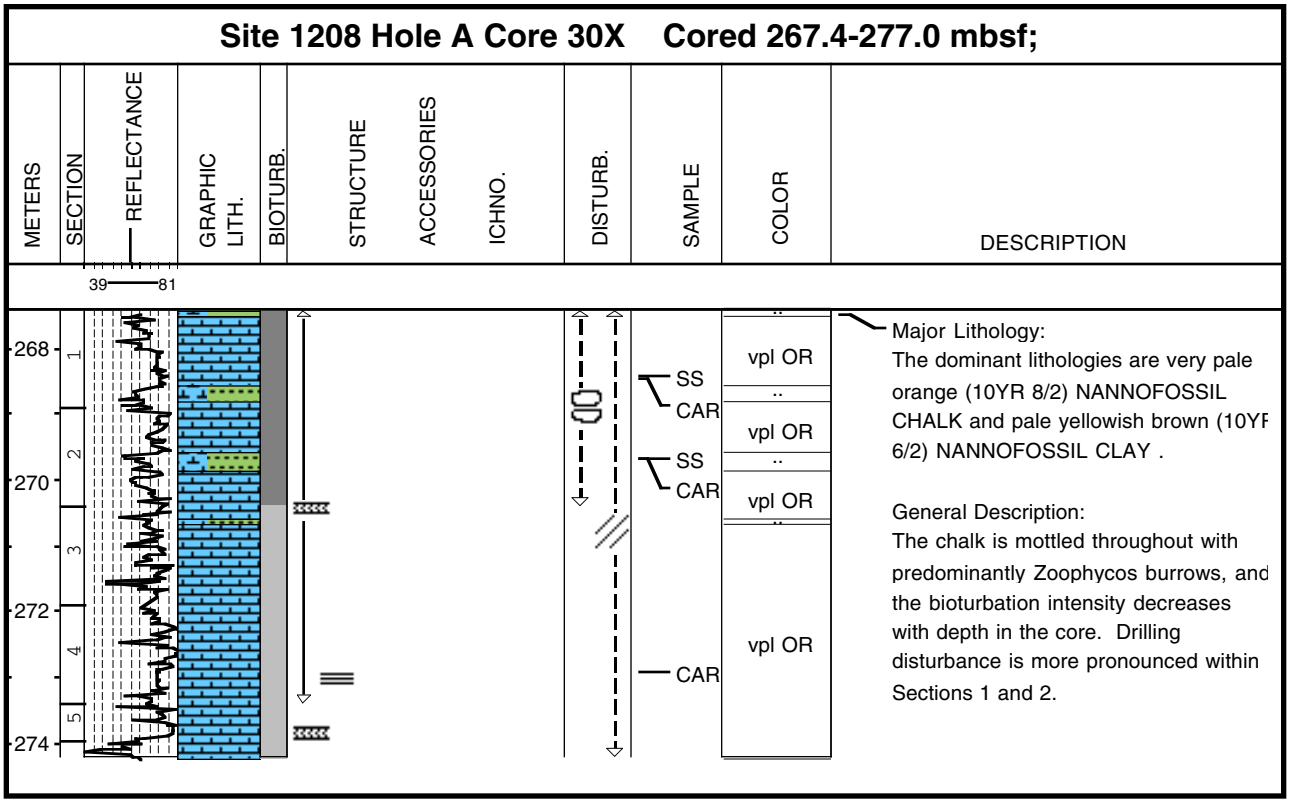
Core Photo


Site 1208 Hole A Core 28X Cored 248.1-257.8 mbsf
METERS
SECTION
REFLECTANCE
25
80
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
250
252
254
256
1
2
3
4
5
6
Py
Py
Py
SS
CAR
SS
CAR
XRD
PAL
lt ol GY
pal ye BR
vlt GY
ye GY
vlt GY
pal ye BR
Major Lithology:
The dominant lithology grades from a pale yellowish brown (10YR 6/2) and light olive gray (5Y 6/1) NANNOFOSSIL CLAYSTONE to a very light gray (N8) and light olive gray (5Y 6/1) NANNOFOSSIL OOZE WITH CLAY.
Minor Lithology:
There is a 1 cm-thick VOLCANIC ASH in Section 3.
General Description:
There are very thin (mm-scale) seams of fine-grained pyrite common in Section 5. The core has biscuit structures and fractures from the coring process. Distinct burrows of Chondrites, Planolites, and Zoophycos are visible in places with rare occurrences of composite burrows where Chondrites are prominent.

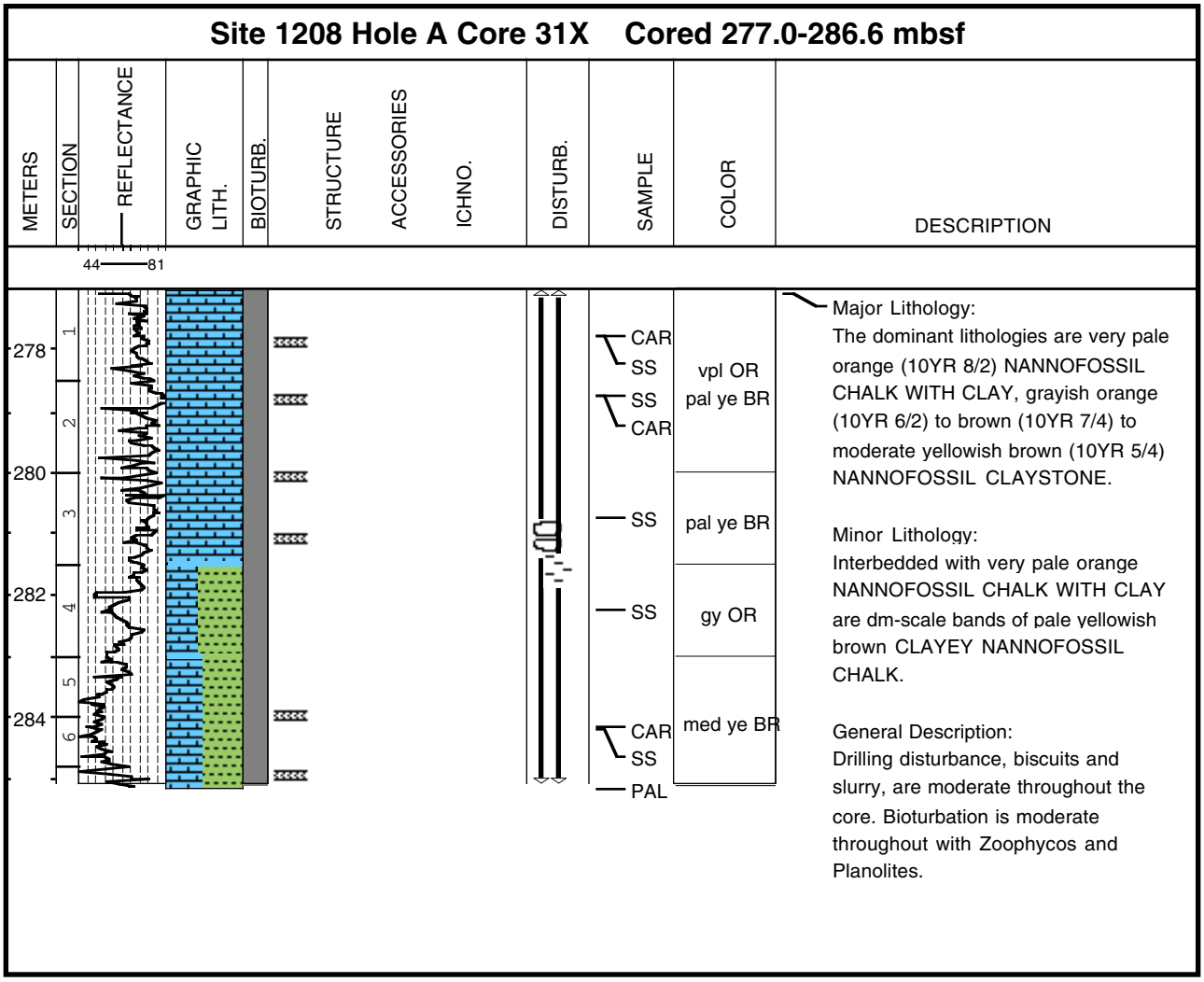
Core Photo


Site 1208 Hole A Core 29X Cored 257.8-267.4 mbsf
METERS
SECTION
REFLECTANCE
39
79
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
260
262
264
266
1
2
3
4
5
6
Py
CAR
CAR
SS
CAR
ye GY
dsk YE
ye GY
ye GY
ye GY
ye GY
Major Lithology:
The dominant lithology is yellowish gray (5Y7/2), dusky yellow (5Y8/1), light olive gray (5Y 5/2) and white (N9) NANNOFOSSIL CHALK WITH CLAY and yellowish gray (5Y 8/1) CLAYEY NANNOFOSSIL OOZE.
General Description:
Pyrite blebs occur in Section 2, 63-70 cm. The core is bioturbated with Planotlites, Chondrites and Zoophycos burrows.

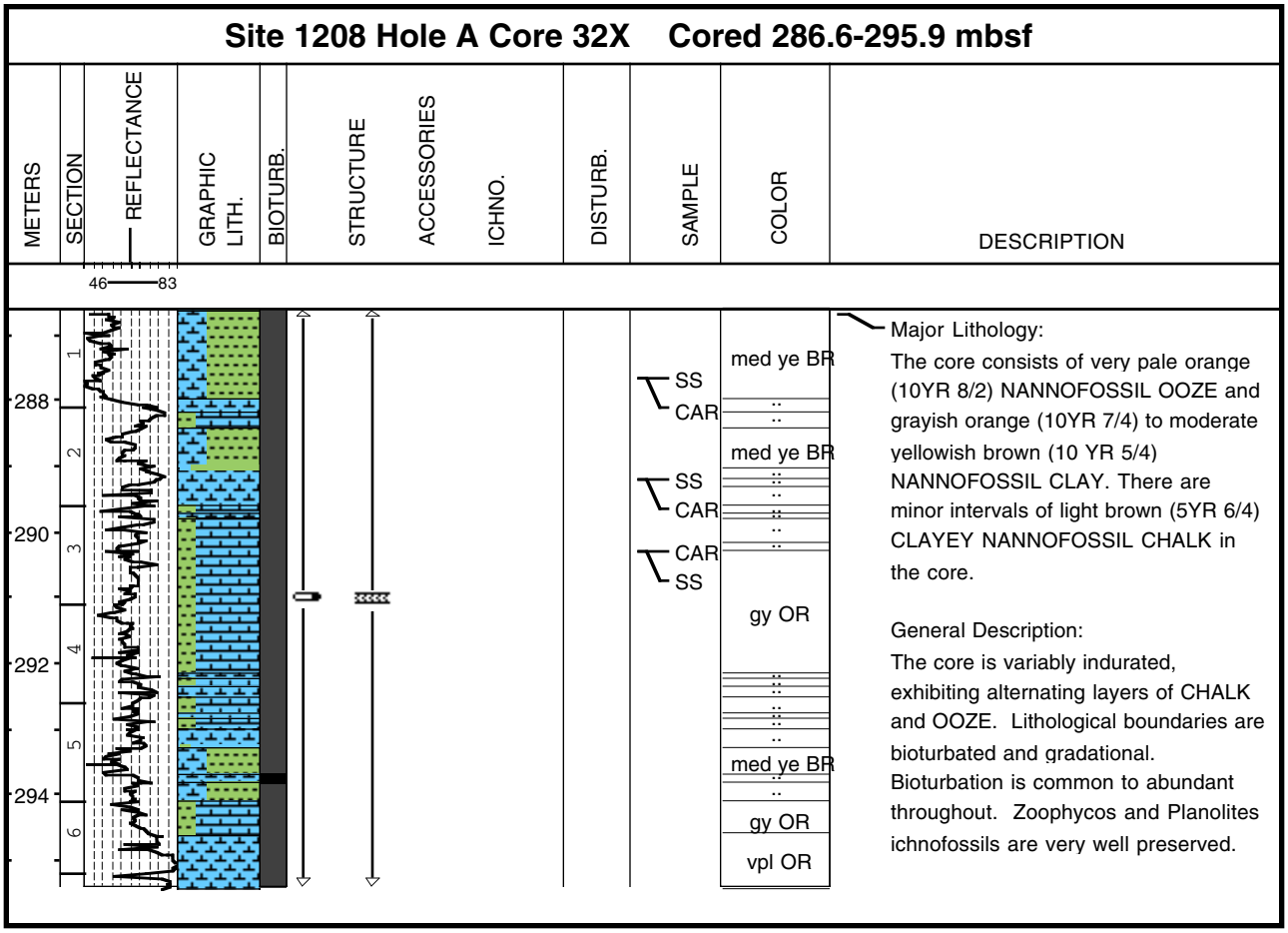
Core Photo


Site 1208 Hole A Core 30X Cored 267.4-277.0 mbsf;
METERS
SECTION
REFLECTANCE
39
81
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
268
270
272
274
1
2
3
4
5
SS
CAR
SS
CAR
CAR
vpl OR
vpl OR
vpl OR
vpl OR
Major Lithology:
The dominant lithologies are very pale orange (10YR 8/2) NANNOFOSSIL CHALK and pale yellowish brown (10YR 6/2) NANNOFOSSIL CLAY .
General Description:
The chalk is mottled throughout with predominantly Zoophycos burrows, and the bioturbation intensity decreases with depth in the core. Drilling disturbance is more pronounced within Sections 1 and 2.

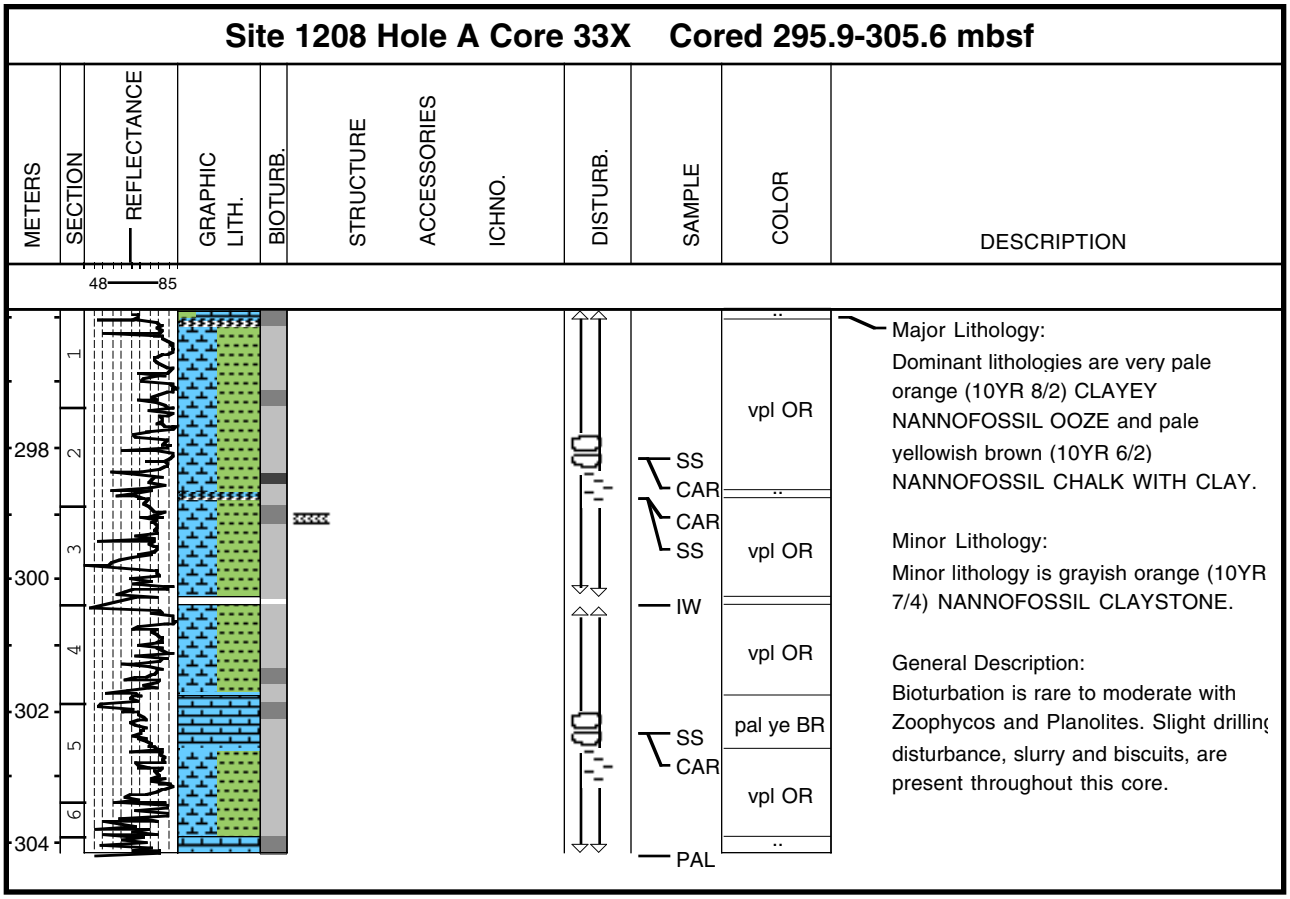
Core Photo


Site 1208 Hole A Core 31X Cored 277.0-286.6 mbsf
METERS
SECTION
REFLECTANCE
44
81
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
278
280
282
284
1
2
3
4
5
6
CAR
SS
SS
CAR
SS
SS
CAR
SS
PAL
vpl OR
pal ye BR
pal ye BR
gy OR
med ye BR
Major Lithology:
The dominant lithologies are very pale orange (10YR 8/2) NANNOFOSSIL CHALK WITH CLAY, grayish orange (10YR 6/2) to brown (10YR 7/4) to moderate yellowish brown (10YR 5/4) NANNOFOSSIL CLAYSTONE.
Minor Lithology:
Interbedded with very pale orange NANNOFOSSIL CHALK WITH CLAY are dm-scale bands of pale yellowish brown CLAYEY NANNOFOSSIL CHALK.
General Description:
Drilling disturbance, biscuits and slurry, are moderate throughout the core. Bioturbation is moderate throughout with Zoophycos and Planolites.

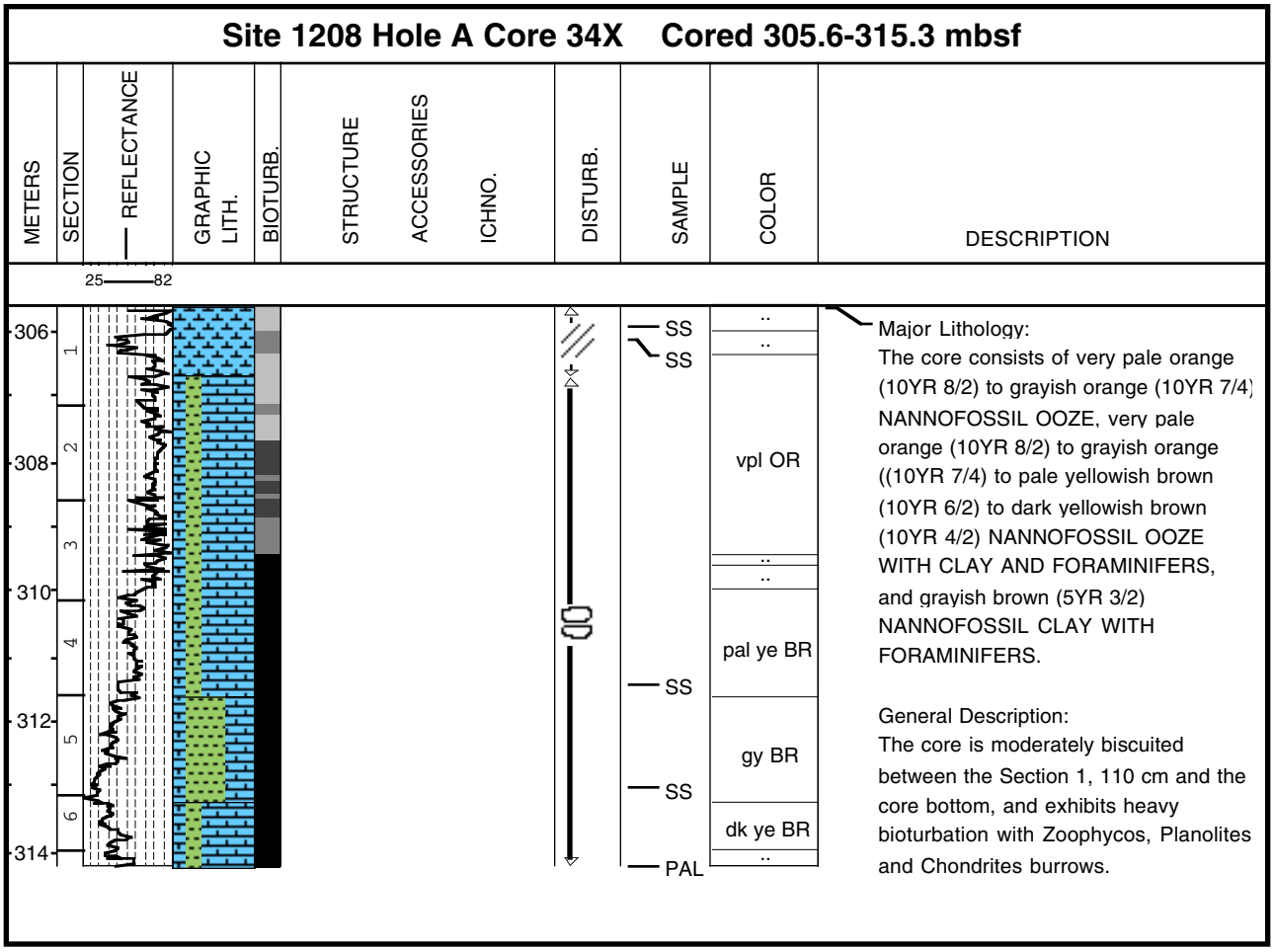
Core Photo


Site 1208 Hole A Core 32X Cored 286.6-295.9 mbsf
METERS
SECTION
REFLECTANCE
46
83
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
288
290
292
294
1
2
3
4
5
6
SS
CAR
SS
CAR
CAR
SS
med ye BR
med ye BR
gy OR
med ye BR
gy OR
vpl OR
Major Lithology:
The core consists of very pale orange (10YR 8/2) NANNOFOSSIL OOZE and grayish orange (10YR 7/4) to moderate yellowish brown (10 YR 5/4) NANNOFOSSIL CLAY. There are minor intervals of light brown (5YR 6/4) CLAYEY NANNOFOSSIL CHALK in the core.
General Description:
The core is variably indurated, exhibiting alternating layers of CHALK and OOZE. Lithological boundaries are bioturbated and gradational. Bioturbation is common to abundant throughout. Zoophycos and Planolites ichnofossils are very well preserved.

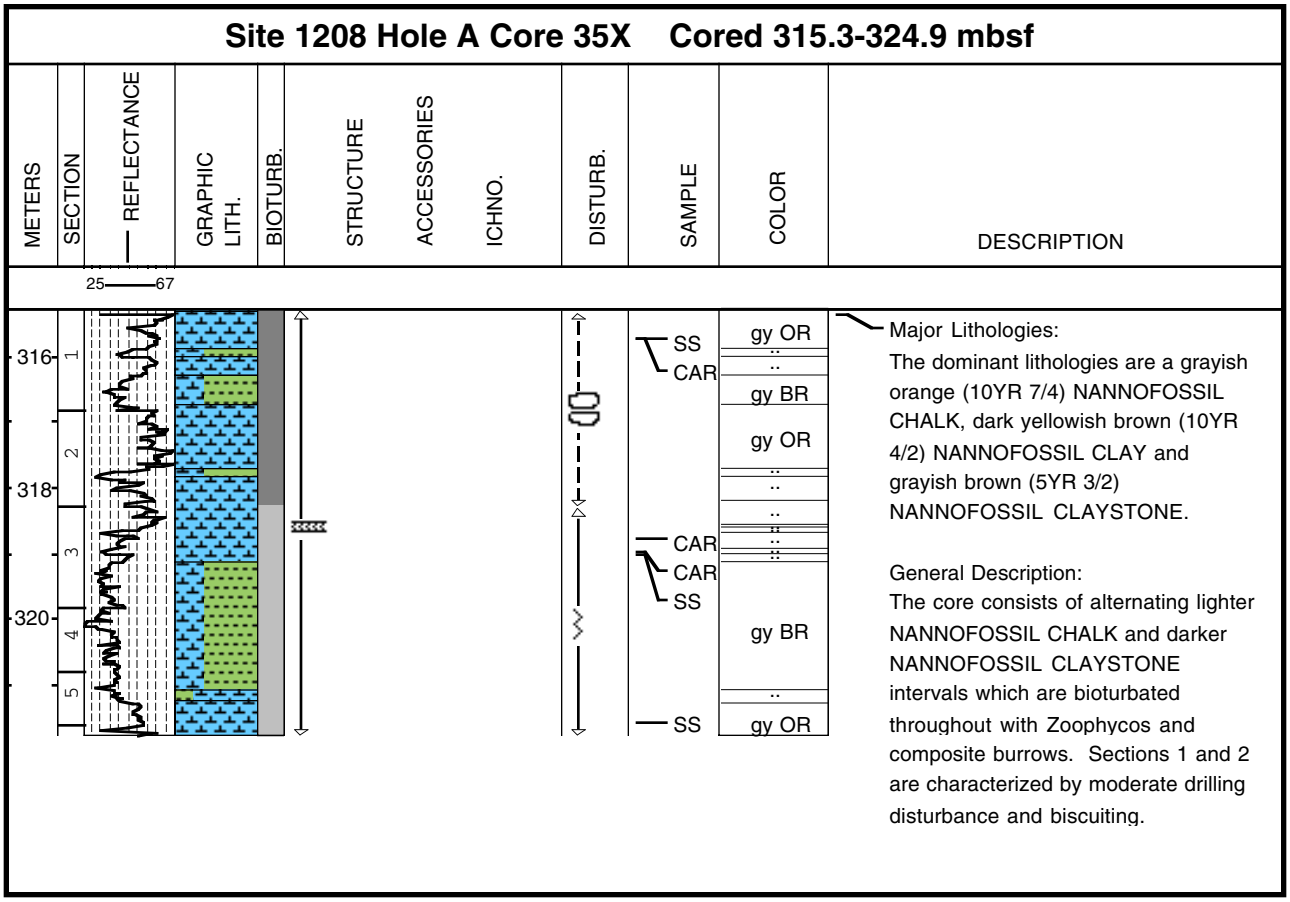
Core Photo


Site 1208 Hole A Core 33X Cored 295.9-305.6 mbsf
METERS
SECTION
REFLECTANCE
48
85
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
298
300
302
304
1
2
3
4
5
6
SS
CAR
CAR
SS
IW
SS
CAR
PAL
vpl OR
vpl OR
vpl OR
pal ye BR
vpl OR
Major Lithology:
Dominant lithologies are very pale orange (10YR 8/2) CLAYEY NANNOFOSSIL OOZE and pale yellowish brown (10YR 6/2) NANNOFOSSIL CHALK WITH CLAY.
Minor Lithology:
Minor lithology is grayish orange (10YR 7/4) NANNOFOSSIL CLAYSTONE.
General Description:
Bioturbation is rare to moderate with Zoophycos and Planolites. Slight drilling disturbance, slurry and biscuits, are present throughout this core.

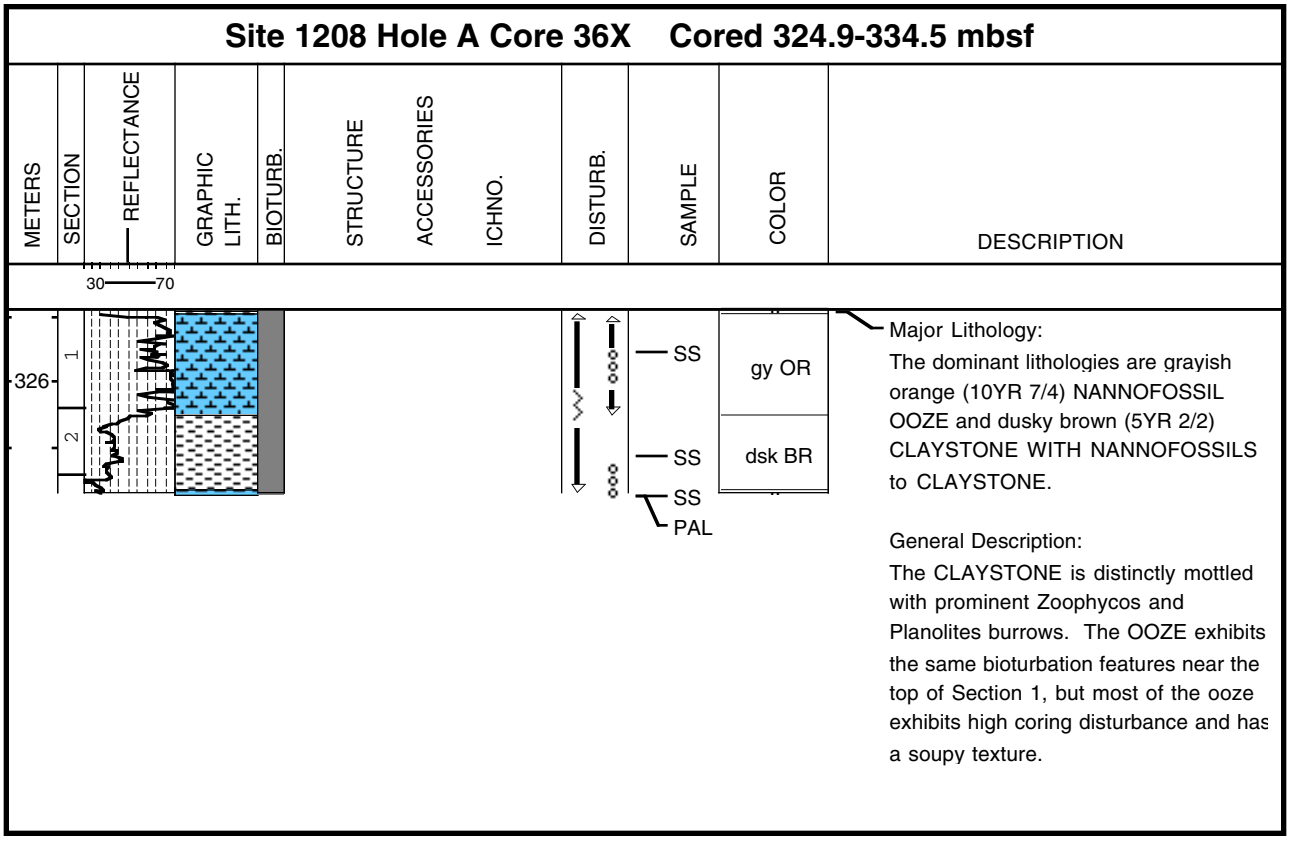
Core Photo


Site 1208 Hole A Core 34X Cored 305.6-315.3 mbsf
METERS
SECTION
REFLECTANCE
25
82
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
306
308
310
312
314
1
2
3
4
5
6
SS
SS
SS
SS
PAL
vpl OR
pal ye BR
gy BR
dk ye BR
Major Lithology:
The core consists of very pale orange (10YR 8/2) to grayish orange (10YR 7/4) NANNOFOSSIL OOZE, very pale orange (10YR 8/2) to grayish orange ((10YR 7/4) to pale yellowish brown (10YR 6/2) to dark yellowish brown (10YR 4/2) NANNOFOSSIL OOZE WITH CLAY AND FORAMINIFERS, and grayish brown (5YR 3/2) NANNOFOSSIL CLAY WITH FORAMINIFERS.
General Description:
The core is moderately biscuited between the Section 1, 110 cm and the core bottom, and exhibits heavy bioturbation with Zoophycos, Planolites and Chondrites burrows.

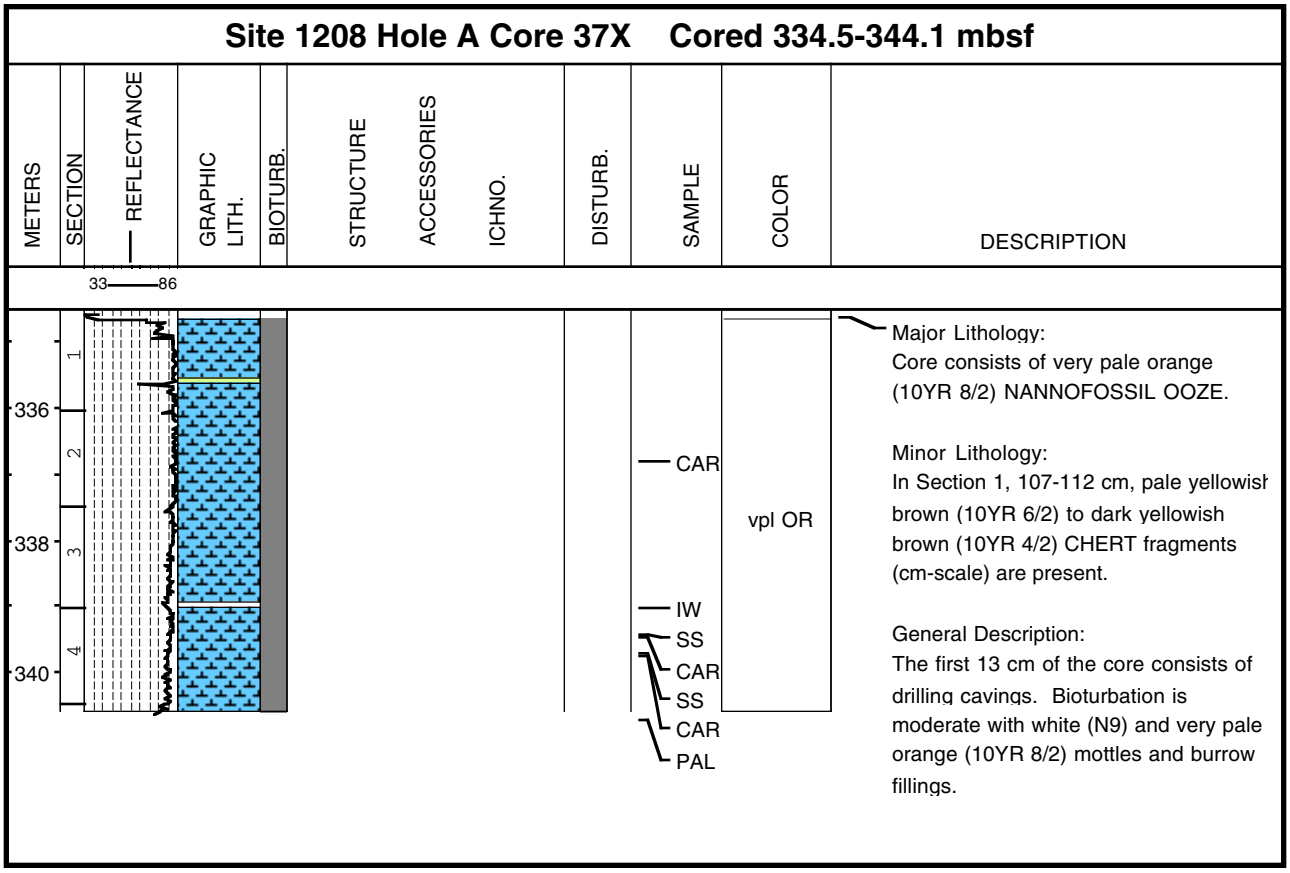
Core Photo


Site 1208 Hole A Core 35X Cored 315.3-324.9 mbsf
METERS
SECTION
REFLECTANCE
25
67
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
316
318
320
1
2
3
4
5
SS
CAR
CAR
CAR
SS
SS
gy OR
gy BR
gy OR
gy BR
gy OR
Major Lithologies:
The dominant lithologies are a grayish orange (10YR 7/4) NANNOFOSSIL CHALK, dark yellowish brown (10YR 4/2) NANNOFOSSIL CLAY and grayish brown (5YR 3/2) NANNOFOSSIL CLAYSTONE.
General Description:
The core consists of alternating lighter NANNOFOSSIL CHALK and darker NANNOFOSSIL CLAYSTONE intervals which are bioturbated throughout with Zoophycos and composite burrows. Sections 1 and 2 are characterized by moderate drilling disturbance and biscuiting.

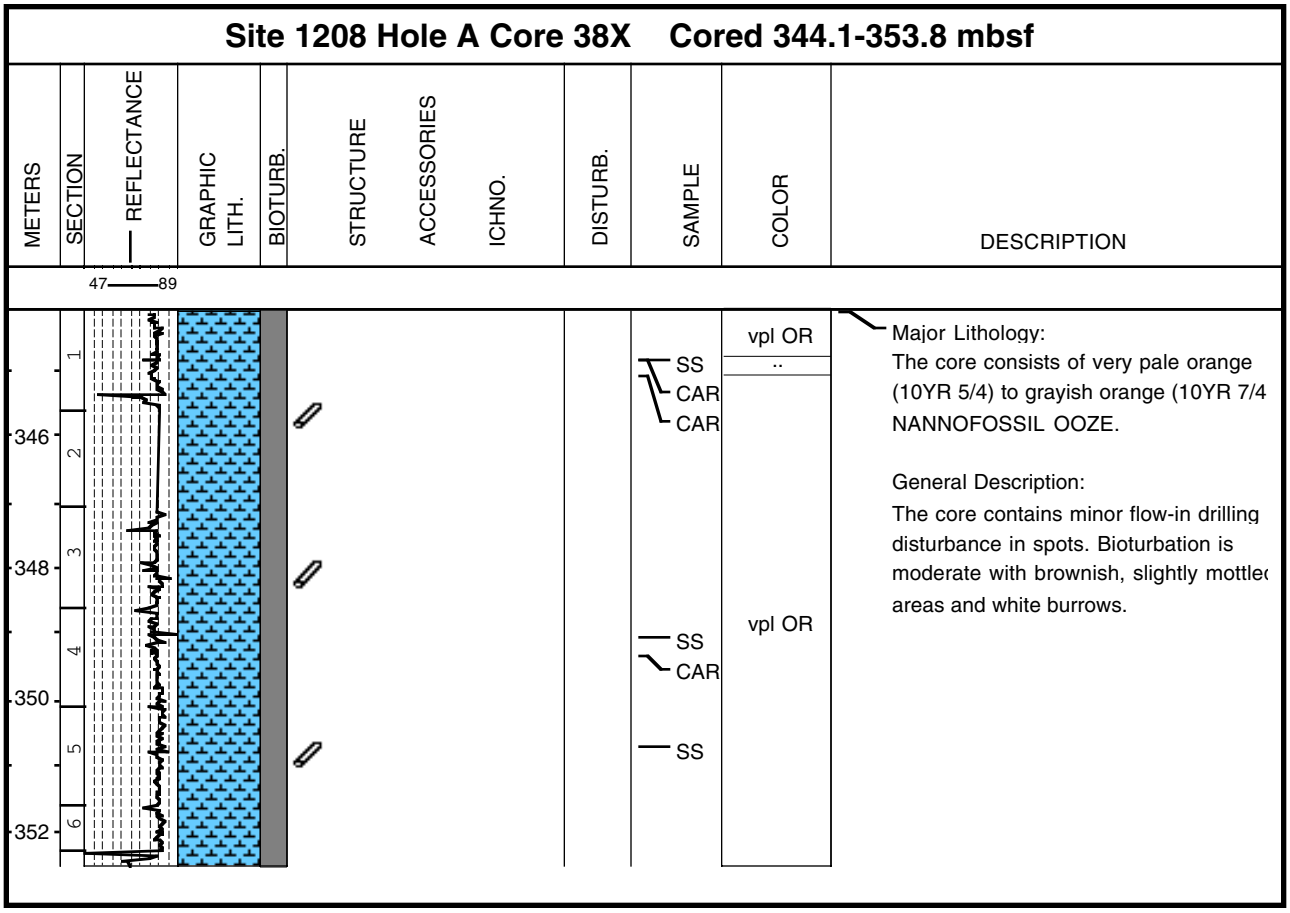
Core Photo


Site 1208 Hole A Core 36X Cored 324.9-334.5 mbsf
METERS
SECTION
REFLECTANCE
30
70
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
326
1
2
SS
SS
SS
PAL
gy OR
dsk BR
Major Lithology:
The dominant lithologies are grayish orange (10YR 7/4) NANNOFOSSIL OOZE and dusky brown (5YR 2/2) CLAYSTONE WITH NANNOFOSSILS to CLAYSTONE.
General Description:
The CLAYSTONE is distinctly mottled with prominent Zoophycos and Planolites burrows. The OOZE exhibits the same bioturbation features near the top of Section 1, but most of the ooze exhibits high coring disturbance and has a soupy texture.

Core Photo

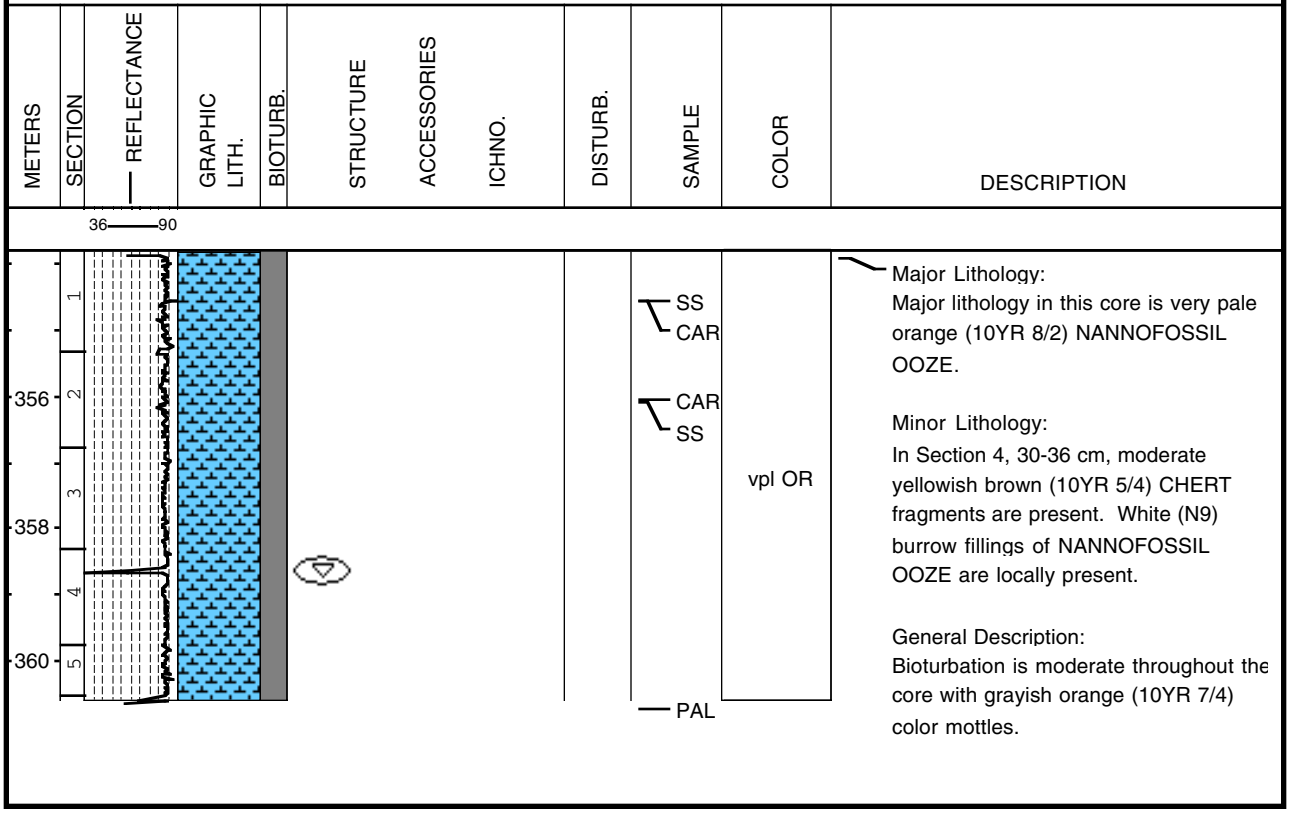

Site 1208 Hole A Core 37X Cored 334.5-344.1 mbsf
METERS
SECTION
REFLECTANCE
33
86
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
336
338
340
1
2
3
4
CAR
IW
SS
CAR
SS
CAR
PAL
vpl OR
Major Lithology:
Core consists of very pale orange (10YR 8/2) NANNOFOSSIL OOZE.
Minor Lithology:
In Section 1, 107-112 cm, pale yellowish brown (10YR 6/2) to dark yellowish brown (10YR 4/2) CHERT fragments (cm-scale) are present.
General Description:
The first 13 cm of the core consists of drilling cavings. Bioturbation is moderate with white (N9) and very pale orange (10YR 8/2) mottles and burrow fillings.

Core Photo

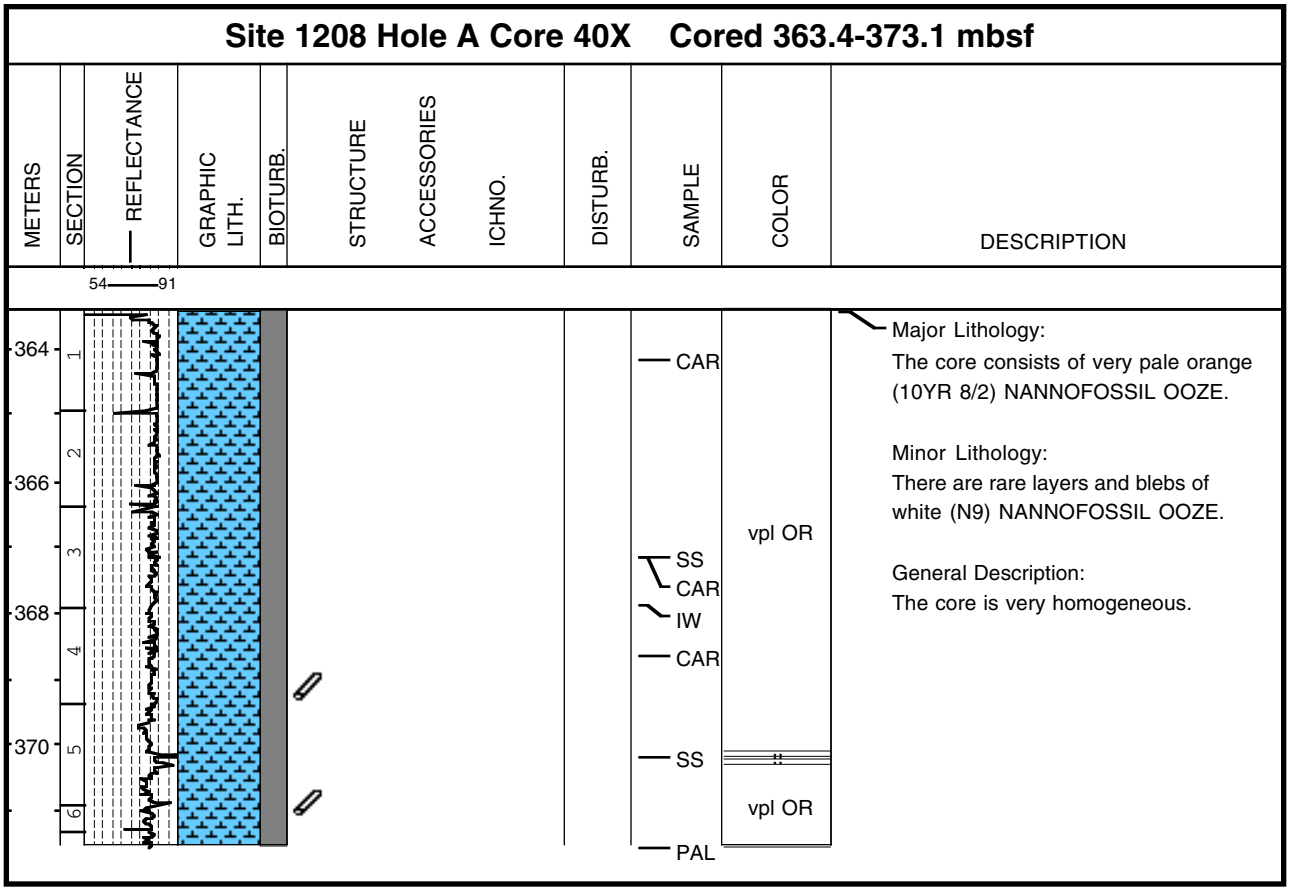

Site 1208 Hole A Core 38X Cored 344.1-353.8 mbsf
METERS
SECTION
REFLECTANCE
47
89
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
346
348
350
352
1
2
3
4
5
6
SS
CAR
CAR
SS
CAR
SS
vpl OR
vpl OR
Major Lithology:
The core consists of very pale orange (10YR 5/4) to grayish orange (10YR 7/4 NANNOFOSSIL OOZE.
General Description:
The core contains minor flow-in drilling disturbance in spots. Bioturbation is moderate with brownish, slightly mottle areas and white burrows.

Core Photo

Site 1208 Hole A Core 39X Cored 353.8-363.4 mbsf

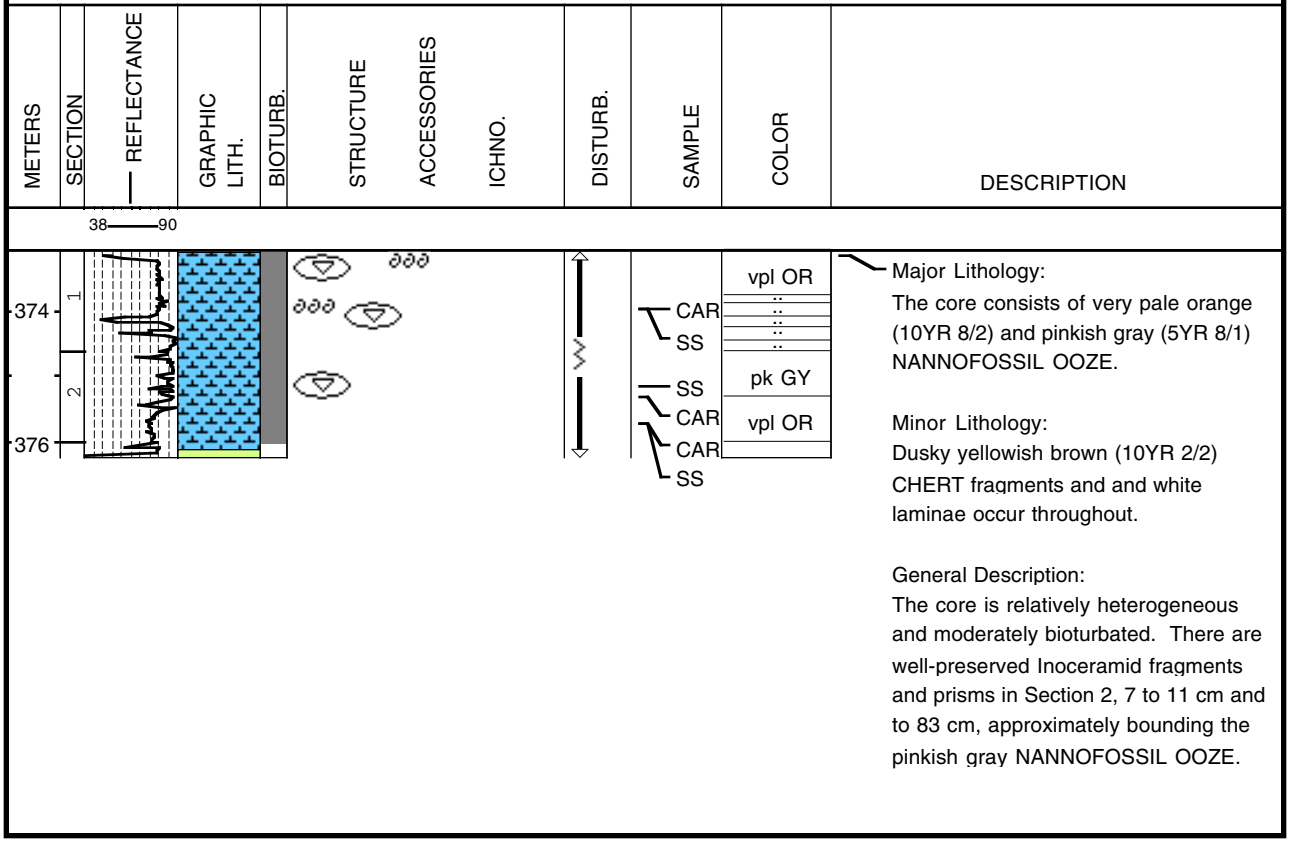


Core Photo


Site 1208 Hole A Core 40X Cored 363.4-373.1 mbsf
METERS
SECTION
REFLECTANCE
54
91
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
364
366
368
370
1
2
3
4
5
6
CAR
SS
CAR
IW
CAR
SS
PAL
vpl OR
vpl OR
Major Lithology:
The core consists of very pale orange (10YR 8/2) NANNOFOSSIL OOZE.
Minor Lithology:
There are rare layers and blebs of white (N9) NANNOFOSSIL OOZE.
General Description:
The core is very homogeneous.

Core Photo

Site 1208 Hole A Core 41X Cored 373.1-382.7 mbsf

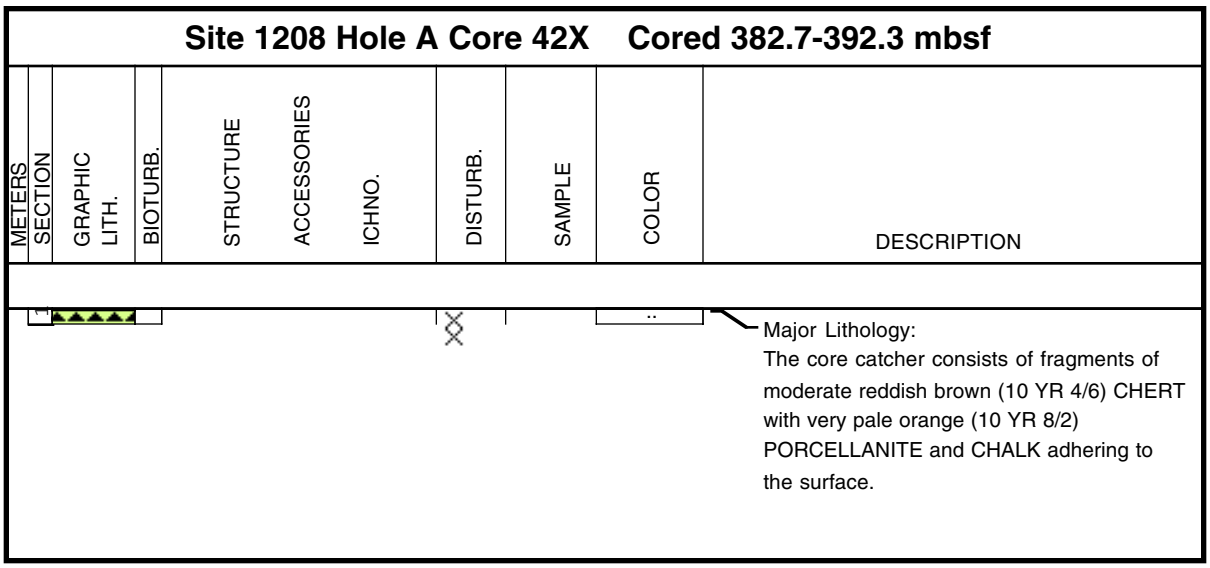


Major Lithology:
The core consists of very pale orange (10YR 8/2) and pinkish gray (5YR 8/1) NANNOFOSSIL OOZE.

Minor Lithology:
Dusky yellowish brown (10YR 2/2) CHERT fragments and and white laminae occur throughout.

General Description:
The core is relatively heterogeneous and moderately bioturbated. There are well-preserved Inoceramid fragments and prisms in Section 2, 7 to 11 cm and to 83 cm, approximately bounding the pinkish gray NANNOFOSSIL OOZE.

Core Photo


Site 1208 Hole A Core 42X Cored 382.7-392.3 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
ICHNO.
DISTURB.
SAMPLE
COLOR
DESCRIPTION
Major Lithology:
The core catcher consists of fragments of moderate reddish brown (10 YR 4/6) CHERT with very pale orange (10 YR 8/2) PORCELLANITE and CHALK adhering to the surface.

Smear Slides

Sample						Size			Mineral															Biogenic																						Rock				
Core	Core Type	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Apatite	Barite	Calcite	Carbonate	Chalcedony	Chert	Clay Mineral	Detrital Carbonate	Dolomite	Fe Oxide	Feldspar	Glauconite	Inorganic Calcite	Mica	Muscovite	Opaques	Organic Calcite	Oxides	Phillipsite	Plagioclase	Pyrite	Quartz	Volcanic Glass	Zeolite	Calcispheres	Diatoms	Dinoflagellate	Fish Remains	Foraminifers	Mollusk	Nannofossils	Pollen	Radiolarians	Silicoflagellates	Sponge Spicules	Bioclasts	Organic Debris	Cement	Fecal Pellet	Organic Debris	Organic Matter	Rock Fragment
Hole A																																																		
1	H	1	7	0.07	M										44			1	1			1		2						1	2			8			5		30		2	1	2							
1	H	1	72	0.72	D										55			*	*					*	3					*	1			5			2		25		5	2	2							
1	H	1	139	1.39	M										57										*				3	*				5			2		30			1	1							
1	H	4	65	4.45	D							1			57							*			5					2	2			3			5		20		2	1	2							
2	H	1	7	4.77	M													*	4								*			1	95																			
2	H	1	73	5.43	D										35									2						1	4			2			2		45		6	1	2							
2	H	2	73	6.93	D										23									*						*	*			15			12		35		10	3	2							
2	H	3	73	8.43	D										35				3											6	2			10			4		30		6	2	2							
2	H	5	141	12.11	M										46				3			1								4	2			6			4		30		2		2							
2	H	6	92	13.12	D										56				1											3	1			2			3		30		3		1							
3	H	2	70	16.4	D										35				1											2	3			20			3		25		6	3	2							
3	H	4	74	19.44	D										33				1											2	1			5			4		45		6	1	1							
3	H	5	113	21.33	D										40				1											1	2			1			1		50		2	1	1							
3	H	6	70	22.4	M										38				1											1	5			8			4		30		9	2	2							
4	H	1	40	24.1	D										19				*											4	1			3					70		2	*	1							
4	H	3	71	27.41	D										35															3	1			9			5		39		6	1	1							
4	H	5	70	30.4	D										33															4	2			3			6		45		4	1	2							.
4	H	6	134	32.54	D										24				1											4	3			4			4		55		3	1	1							
5	H	1	110	34.3	D										36															*	5			2			5		50		2									
5	H	5	48	39.68	D										17														1	*	*			5			7		65		5	*	*							
5	H	5	129	40.49	D						2				46																5			5			10		30		2									
6	H	2	100	45.2	M										1													2			92												5							
6	H	2	109	45.29	M										2													1	5	1	87												4							
6	H	6	53	50.73	D						0				23				1											1				10			5		45		10	5	0							
6	H	6	130	51.5	D						1				2																			6			1		82		3	3	2							
8	H	1	99	62.69	D						1				52									*										5			5		32		5									
8	H	2	141	64.61	D						1				45									*										5			5		38		5		1							
8	H	5	141	69.11	D						1				21																2			5			5		60		5	1								
9	H	1	35	71.55	D										22						5									*				5			2		60		3	2	1							
9	H	2	8	72.78	D										10						5													10			3		67		1	3	1							
9	H	2	140	74.1	M														4			*							4	1	90						*		*											
9	H	3	62	74.82	D										15									*							*			10			3		65			5	1							
10	H	1	73	81.43	D										20			*			5			*							2			7			5		57		2	1	1							
10	H	1	12	80.82	M						0				23																			1			5		65		5	1	0							
10	H	2	44	82.64	M						0				42									1						*	10			10			2		30		3	1	1							
10	H	3	73	84.43	D							2			25						2	*		1							2			10					50		5	1	2							
11	H	3	21	93.41	M										84				*										15	1							*		*											
12	H	2	71	101.91	D										23				1											1	1			6			1		58		4	2	2							
12	H	3	71	103.41	D										29				1											2	1			10			1		45		6	2	3							
12	H	5	59	106.29	D										16															2	2			8			1		60		6	3	2							
12	H	5	110	106.8	D										32				1											2	2			9			1		45		6	1	1							
13	H	2	70	111.4	D										31															1	1			7			1		51		4	2	2							
13	H	3	1	112.21	D										18				1					*						1	1			12					58		6	2	1							
13	H	4	45	114.15	D										63				1			*								2	12			4			2		10		3	1	2							
13	H	6	40	117.1	D										30				4					1						2	10						3		44		3	1	1	1						
14	H	1	70	119.4	D										32				*		2				1						7			7					46		3	*	2							
14	H	5	143	126.13	D										45				1		5										1			5			1		31		8	1	2							
14	H	6	125	127.45	D							0			17						1				2				1					4					65		7	3	*							

Smear Slides																																																			
Sample						Size			Mineral															Biogenic																						Rock				
Core	Core Type	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Apatite	Barite	Calcite	Carbonate	Chalcedony	Chert	Clay Mineral	Detrital Carbonate	Dolomite	Fe Oxide	Feldspar	Glauconite	Inorganic Calcite	Mica	Muscovite	Opaques	Organic Calcite	Oxides	Phillipsite	Plagioclase	Pyrite	Quartz	Volcanic Glass	Zeolite	Calcispheres	Diatoms	Dinoflagellate	Fish Remains	Foraminifers	Mollusk	Nannofossils	Pollen	Radiolarians	Silicoflagellates	Sponge Spicules	Bioclasts	Organic Debris	Cement	Fecal Pellet	Organic Debris	Organic Matter	Rock Fragment
Hole A (Continued)																																																			
15	H	1	42	128.62	D										31																	1			5			2		50		10	1								
15	H	2	135	131.05	D										15																					3			2		75		5									
15	H	3	16	131.36	D										32																					5			5		51		5	2	*							
16	H	2	116	140.36	D										10																					5			5		72		5	2	1							
16	H	3	108	141.78	D										5																					5					65		15	5	5							
17	H	1	34	147.54	D							2			37									*						*	3			6			5		45		2	*	*							
17	H	1	68	147.88	M										30									*						*	1			5			5		55		3	*	1							
17	H	2	72	149.42	D										16			*						1						*	*			4			3		73		2	*	1							
17	H	6	116	155.86	M										5																	90									5												
18	H	1	73	157.43	D										12									*							*			6			3		75		2	1	1							
18	H	4	73	161.93	D							2			15																	1			3			5		70		3	*	1							
18	H	6	73	164.93	D										43									*						*	*			10			3		36		5	2	1							
19	H	2	10	167.8	D							*			20																					5			3		70		2	*	*							
19	H	4	9	170.79	D							*			25									*							*			3			1		70		*	*								
19	H	6	134	175.04	D							*			57							*								*	*				10			*		31		1	1								
20	H	1	110	176.8	D							1			10																					10					75		2	1	1							
20	H	6	53	183.73	D						3				53																										40		2	1	1							
20	H	6	101	184.21	D							5			10																	5			7			3		65		3	1	1							
21	X	1	35	185.55	D										46																4	12			3			2		30		2		1							
21	X	3	40	188.6	D										22																2	4			5			2		60		3	1	1							
22	X	1	39	190.79	M						1				35												*											1		60		3									
22	X	2	41	192.31	D										46																					3					40		10	1								
22	X	2	94	192.84	D										15																*					3			2		70		10	*								
23	X	1	30	200.4	D						*				19									*			1				*			5					70		5									
23	X	2	37	201.97	D										45												1							7		*			40		6	1	*							
24	X	1	20	210	D										37												*			*				1					60		2									
24	X	1	127	211.07	M										60									2							30			1					5		2									
24	X	5	33	216.13	M										73									15										1					10		1									
25	X	1	12	219.52	D										34																								1		50		15									
26	X	2	11	230.71	D										78				*		3				3						1			1					11		2		1							
26	X	3	95	233.05	D										25						3											1			1					67		1		2							
26	X	5	34	234.89	D										15										3									1			*		77		1		3							
27	X	1	77	239.47	D										3						1				2						*			2			2		88		1		1							
27	X	1	114	239.84	M										7				3										1		78								10		*		1							
27	X	2	130	241.5	M										2				5												88									5												
27	X	3	47	242.17	M										7				*		7				2																83		1	*								
28	X	1	113	249.23	D						1				10															1	*			3			*		75		10									
28	X	2	24	249.84	D						2				60															1				1			1		30		5									
29	X	1	104	258.84	D										34						5			*										1			3		55		1	1	*							
29	X	2	36	259.66	D										20						5			*						*				*			4		70		1		*							
30	X	1	100	268.4	D										7						3				3									1					79		5	1	1							
30	X	2	73	269.63	D										48						2				2						1								40		5		2							
31	X	1	44	277.44	D						2				20																					5			3		65		3	2								
31	X	2	24	278.74	M						2				6																								1		87		2	1	1							
31	X	4	70	282.2	D						5				40																	3			8					35		6		3							
31	X	6	15	284.15	D						3				45																					3					43		3	1	2							
32	X	1	103	287.63	D										54						10			1						*				*			3		30		2	*								
32	X	2	104	289.14	D							5			10									2							*						5		78		*	*								
32	X	3	62	290.22	M										25						8			1						*	*			*			3		62		1	*								

Smear Slides

Sample						Size			Mineral															Biogenic																						Rock				
Core	Core Type	Section	Top (cm)	Depth (mbsf)	Lithology	Sand	Silt	Clay	Apatite	Barite	Calcite	Carbonate	Chalcedony	Chert	Clay Mineral	Detrital Carbonate	Dolomite	Fe Oxide	Feldspar	Glauconite	Inorganic Calcite	Mica	Muscovite	Opaques	Organic Calcite	Oxides	Phillipsite	Plagioclase	Pyrite	Quartz	Volcanic Glass	Zeolite	Calcispheres	Diatoms	Dinoflagellate	Fish Remains	Foraminifers	Mollusk	Nannofossils	Pollen	Radiolarians	Silicoflagellates	Sponge Spicules	Bioclasts	Organic Debris	Cement	Fecal Pellet	Organic Debris	Organic Matter	Rock Fragment
Hole A (Continued)																																																		
33	X	2	73	298.13	D										45						4										*			*			5		45		*	*	*							
33	X	2	130	298.7	M										47						3			*						*	*						5		45		*		*							
33	X	5	42	302.32	D										15						3			*													5		77		*	*	*							
34	X	1	27	305.87	D										9																						15		75		1									
34	X	1	51	306.11	D										9																						15		75		1									
34	X	4	127	311.37	D										20																						15		64		1									
34	X	5	137	312.97	D										50															5	1						10		31		3									
35	X	1	44	315.74	D										5										5					*							5		85		*									
35	X	3	67	318.97	D										50									*	5		*										5		40		*									
35	X	5	74	321.54	D										30									*	5		1										3		59		1									
36	X	1	59	325.49	D										8									*						*							1		90		1									
36	X	2	68	327.08	D										78									*							*						2		20		*									
36	X	CC	28	327.68	M										5																						10		85											
37	X	4	42	339.42	D							*																									3		97											
37	X	4	71	339.71	M							*																									1		99											
38	X	1	73	344.83	D							2			7																						5		86											
38	X	5	62	350.72	M							4			5																						5		86											
39	X	1	70	354.5	M						2				5																								92				1							
39	X	2	72	356.02	D										7																								92		1									
40	X	3	72	367.12	D										4						4									3							1		88											
40	X	5	74	370.14	M										2						4									1									90		2									
41	X	1	85	373.95	D							3			5															1							*		91											
41	X	2	50	375.1	D							6			4															1							*		89											
41	X	2	106	375.66	D							5			4															1							*		90											